

Unit Number :
Unit Name : Main Amp Unit

MISCELLANEOUS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	IC	551			TA8205AH
*	D	551			1SS133
					(1SS176)
					(US1040M)
*	D	571 572			ERC05
*	D	573 574			ERA15
*	D	575			ERA15
L		571	Choke Coil		CTH1015

RESISTORS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	551 552		(KEH-6080SDK KEH-6080B)		RD1/4PS272JL
R	551 552		(KEH-5080SDK KEH-5080B)		RD1/4PS0R0JL
R	553 554		(KEH-6080SDK KEH-6080B)		RD1/4PS182JL
R	553 554		(KEH-5080SDK KEH-5080B)		RD1/4PS473JL
R	555 556				RS1/10S471J
R	559 560 561 562				RD1/4PS4R7JL
R	563				RS1/8S473J
R	564				RD1/10S224J

CAPACITORS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
C	551 552 557				CEAUH4R7M50
C	553 554				CKSQYB102K50
C	555 556				CEAUH470M10
C	559 560 561 562				CQFAH224J50L
C	563				CEAUH221M16
C	564				CCH1011
C	571 572				CKSYB472K50
C	573				CEAUH101M16
C	574				CKSQYB222K50

Unit Number :
Unit Name : Front L Unit

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	IL	901 902 903	Lamp 14V 40mA		CEL1004
**	S	904 905 906 907 908 914 915 924 925 926 934 935 936	Switch		CSG-253

Unit Number :
Unit Name : Switch P.C.Board

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
*	D	1	(KEH-6080SDK KEH-6080B)		F1SR35-100A
**	S	1 2	Switch(Mute & Motor)		HSN1001
**	S	3	Switch(Tape/Tuner)		HSK-126

Unit Number :
Unit Name : P.C.Board Unit

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	S	1		Switch(FWD/REV)	HSN1001

Miscellaneous Parts List

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	HD	1		Head	EPB1001
**	M	1		Motor Unit	EXA1013
**	SO	1		Solenoid	EXP1001
				(KEH-6080SDK KEH-6080B)	

Mark ===== Circuit Symbol & No. ===== Part Name Part No. RESISTORS

R 755 756 RS1/8S682J
R 759 RS1/8S224J
R 779 RS1/8S563J
R 783 RD1/4PS333JL

CAPACITORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
C 251 252 CCSSL471J50
C 253 254 CEANL4R7M35LL
C 255 256 658 661 CEA470M16LS
C 257 258 259 260 702 705 707 710 711 CKSYB103K50
C 261 CEA101M10LL

C 262 665 CEA220M16LS
C 471 659 660 CEA100M16LS2
C 453 454 CKSQYB332K50
C 457 458 CKSQYB333Z50
C 459 460 CCSCH330J50

C 461 462 CEA4R7M25L2
C 463 464 CKSYB272K50
C 465 466 CEAR33M50LS2
C 651 657 713 CKSYF473Z50
C 652 CEA010M50LS2

C 653 CEA221M10L2
C 654 CEA470M16L2
C 655 CCEA101M10L2
C 656 CEA100M16L2
C 663 664 CKSYB472K50

C 666 CEA220M16L2
C 701 CCSSL561J50
C 703 704 CCSSL101J50
C 708 CCH1005
C 709 CEAR47M50LS

C 714 715 CCSCH090D50
C 716 717 718 719 720 722 CKSYB103K50
C 721 CCSSL561J50
C 751 CCH1008
C 771 772 CEA4R7M35LS

4.7 μ F/16V8200 μ F/5.5V

Unit Number :

Unit Name : FM Unit(KEH-6080SDK KEH-5080SDK)

MISCELLANEOUS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
** IC 51 LA1140B
** IC 101 KHA115
** IC 151 MX3S400
** IC 801 KHA142
** Q 1 Chip Transistor 2SA1162SG

** Q 2 Chip Transistor (2SA1179)
** Q 51 Chip Transistor DTC124EK
2SC2712
(2SD601)
** Q 71 2SJ105
* D 151 Chip Diode MA151WA

L 1 51 Inductor LAU150K
T 51 Coil CTC1029
CF 51 52 Ceramic Filter CTF-182
X 801 Ceramic Resonator CSS1019
** VR 1 Semi-fixed 10k Ω (B) CCP-322

** VR 101 152 Semi-fixed 15k Ω (B) CCP-323
** VR 151 Semi-fixed 150k Ω (B) CCP-329
Front End Unit CVB1022

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
R 2 RS1/8S223J
R 4 RS1/8S682J
R 5 RS1/8S471J
R 6 RS1/10S681J
R 7 RS1/10S223J

R 51 RS1/10S0R0J
R 52 RS1/10S331J
R 53 57 802 RS1/10S473J
R 54 RS1/10S683J
R 55 60 RS1/10S153J

R 56 RS1/10S123J
R 58 RS1/10S682J
R 59 RD1/4PS153JL
R 61 62 RS1/10S472J
R 71 RS1/10S474J

R 101 RS1/10S332J
R 102 RS1/8S183J
R 103 RS1/8S562J
R 801 RS1/10S222J

CAPACITORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
C 1 CKSQYB102K25
C 2 802 CKSQYB103K50
C 3 CCSQL561J50
C 4 51 54 CKSYF473Z50
C 52 53 59 CKSYF473Z50

C 55 62 CCSQL330J50
C 56 63 CEAR47M50LS2
C 57 CKSYF104Z25
C 58 CEA010M50LS2
C 60 CCSQL101J50

C 61 CEA4R7M16NPLL
C 70 CCSQCH200J50
C 101 105 161 803 CEA470M16LS
C 152 CKSQYB332K50
C 154 CKSQYB153K25

C 159 160 CKSYB123K50
C 801 CQMA683J50
C 804 CEA4R7M35LS
C 805 CEA220M16LS
C 806 CSZAR33M35

Unit Number :

Unit Name : FM Unit(KEH-6080B KEH-5080B)

MISCELLANEOUS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
** IC 51 LA1140B
** IC 101 LA2110
** IC 151 LA3430P
** Q 1 Chip Transistor 2SA1162
(2SA1179)

** Q 2 Chip Transistor DTC124EK
** Q 51 Chip Transistor 2SC2712
(2SD601)
** Q 71 Chip Transistor 2SJ106
* D 151 1S2473VH

Mark ===== Circuit Symbol & No. ===== Part Name Part No. Unit Number :
Unit Name : AM Unit

L 1 51 Inductor LAU150K
T 51 Coil CTC1029
CF 51 52 Ceramic Filter CTF-182
CR 101 CWW-107
X 151 Ceramic Resonator CSS1022

MISCELLANEOUS

** VR 1 101 Semi-fixed 10k Ω (B) CCP-322
** VR 151 Semi-fixed 150k Ω (B) CCP-329
** VR 152 Semi-fixed 15k Ω (B) CCP-323
Front End Unit CWB1022

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

** IC 201 PA4010
** Q 201 2SK435
** Q 202 2SC2458
** Q 203 204 205 DTC124ES
* D 201 202 204 205 1SS133

RESISTORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

R 2 7 152 RS1/10S223J
R 4 58 104 RS1/10S682J
R 5 RS1/10S471J
R 6 RS1/8S681J
R 21 22 51 RS1/8S0R0J

R 52 RS1/10S331J
R 53 57 RS1/10S473J
R 54 RS1/10S683J
R 55 60 RS1/10S153J
R 56 RS1/8S123J

R 59 RD1/4PS153JL
R 61 62 RS1/10S472J
R 71 RS1/10S474J
R 101 RS1/10S332J
R 102 RS1/10S392J

R 103 RS1/10S183J
R 151 RS1/10S222J
R 153 RS1/8S472J
R 156 157 RS1/10S332J
R 158 RS1/10S334J

* D 203 Variable Capacitance Diode SVC203-AB
L 201 Ferri-Inductor CTF1026
L 202 Ferri-Inductor LAU220K
L 203 Ferri-Inductor LAU470K
L 204 Ferri-Inductor LAU4R7K

T 201 Coil CTB1019
T 202 Coil CTB1004
T 203 Coil CTB1006
T 204 Coil CTE1006
T 205 Coil CTE1007

T 206 Coil CTE1008
CF 201 Filter CTF1041
(CTF1027)
CF 202 Filter CTF-100
X 201 Xtal CSS1014

RESISTORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

R 201 RS1/10S220J
R 202 RS1/10S681J
R 203 206 RS1/10S222J
R 204 RS1/10S473J
R 205 RS1/10S470J

R 207 RS1/10S822J
R 208 RS1/10S103J
R 209 RD1/4PS470JL
R 210 RS1/10S682J
R 211 RD1/4PS103JL

CAPACITORS

CAPACITORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

C 1 CKSQYB102K50
C 2 101 102 CKSQYB103K25
C 3 CCSQSL561J50
C 4 51 52 53 54 59 CKSQYF473Z50
C 55 62 CCSQSL330J50

C 56 63 CEAR47M50LS2
C 57 CKSQYF104Z25
C 58 156 CEA010M50LS2
C 60 CCSQSL101J50
C 61 CEA4R7M16NPLL

C 70 CCSQCH200J50
C 103 105 161 CEA470M16LS
C 104 CKSQYB182K50
C 151 CKSYF473Z50
C 152 CKSQYB332K50

C 153 CKSQYB223K25
C 154 CKSQYB153K25
C 155 CEA3R3M50LS
C 157 CSZAR22M50
C 158 CCSQSL681J50
C 159 160 CKSYB183K25

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

C 201 209 223 228 CKSQYB103K50
C 202 212 214 CKSQYB332K50
C 203 215 216 219 226 CKSQYF473Z50
C 204 208 210 CKSQYB223K50
C 205 CCSQCH220J50

C 206 207 CCSQCH820J50
C 211 CEA010M50LS2
C 213 CCSQCH220J50
C 218 CEA2R2M50NPLL
C 220 CCSQCH430J50

C 221 CCSQCH100050
C 222 CSZA010K25
C 224 CEA470M16LS
C 225 CKSQYB333K25
C 227 CEA4R7M35LS

C 229 CEA470M16LS
C 230 CEA220M6R3LL
C 232 CCPSL220J50L

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.	Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
* D	664	704			ISS133 (1SS176) (US1040M)	R	704	705		RS1/8S101J	
						R	706			RD1/4PM331J	
						R	707			RD1/4PM222J	
* D	665				RD2R7ESB2 (HZS2R7EB2)	R	708	710		RS1/10S473J	
						R	709	783		RD1/4PS333JL	
* D	702				HZS3R0EB2 (RD3R0ESB2)	R	711	725 741 742 827		RD1/4PM472J	
					1SS135	R	712	714 771 772		RS1/8S473J	
* D	705				SLR-320DU3LM	R	716			RD1/4PS393JL	
* D	951	952	LED		SLR-320PG3KL	R	733			RD1/4PM104J	
* D	953		LED			R	738			RD1/4PS221JL	
L	701			Ferri-Inductor	LAU470K	R	752			RS1/8S392J	
L	702			Ferri-Inductor	LAU2R2M	R	755	756		RS1/8S682J	
H	101			Capacitor with Discharge Gap	CCX-006	R	759			RS1/8S224J	
X	701			Xtal	CSS1011	R	775	776		RD1/4PS154JL	
** S	451			Switch(LOUDNESS)	CSG-207	R	779	831		RS1/8S563J	
** S	916			Switch(SDK)	CSG-253	R	812			RS1/8S271J	
** S	951			Switch(NS)	CSG1015	R	815			RD1/4PS1R3JL	
** IL	771	772		Lamp 14V 40mA	CEL1034	R	822			RS1/8S333J	
** IL	951			Lamp 14V 40mA	CEL1004	R	828			RS1/8S122J	
** VR	451	452		Volume(BASS TREBLE) 20kΩ(B)×2	CCS1076	R	833			RD1/4PS271JL	
** VR	454/S651			Volume/Switch(VOLUME BALANCE/ TUNER POWER) 20kΩ(B)×2 50kΩ(W)×1 LCD	CCS1075 CWW1078	CAPACITORS					
RESISTORS						Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	251	252			RS1/8S151J	C	251	252 826		CCSSL471J50	
R	257	258			RD1/4PS133JL	C	253	254		CEANL4R7M35LL	
R	259	260			RD1/4PS334JL	C	255	256 658 661		CEA470M16LS	
R	261	262 718 719 724 739			RD1/4PS222JL	C	257	258 702 705 707 710 711		CKSYB103K50	
R	263	264 723			RS1/8S152J	C	259	260		CKSYB123K50	
R	265				RD1/4PS104JL	C	261			CEA101M10LL	
R	266	737			RS1/8S104J	C	262	665 811		CEA220M16LS	
R	271				RS1/8S681J	C	453	454		CKSQYB332K50	
R	272	653 811			RD1/4PS471JL	C	457	458		CKSQYF333Z50	
R	273	274 780 826			RS1/8S222J	C	459	460		CCSCH330J50	
R	453	454 455 456 728			RS1/8S332J	C	461	462		CEA4R7M35L2	
R	457	458 459 460			RS1/8S153J	C	463	464		CKSYB272K50	
R	463	659 660 683 688 740 813 814			RS1/8S103J	C	465	466		CEAR33M50LS2	
R	464	654 729 787 788 821 830			RS1/8S223J	C	471	659 660 773 774		CEA100M16LS2	
R	465	466 471 472 701 832			RS1/8S102J	C	651	657 713		CKSYF473Z50	
R	467	468 469 470			RD1/4PS272JL	C	652			CEA010M50LS2	
R	655	720 722 726 727			RD1/4PS102JL	C	653			CEA221M10L2	
R	656				RD1/4PS471JL	C	654	829		CEA470M16L2	
R	657				RD1/4PS104JL	C	655			CEA101M10L2	
R	658	664 666 669 672 673 676 736 754			RD1/4PS103JL	C	656			CEA100M16L2	
R	661	674 713 715 717 751 773 774			RD1/4PS473JL	C	663	664		CKSYB472K50	
R	662				RD1/4PM103J	C	666			CEA220M16L2	
R	663	721 753			RD1/4PS472JL	C	701			CCSSL561J50	
R	665	675 829			RS1/8S472J	C	703	704		CCSSL101J50	
R	667				RD1/4PS331JL	C	706			CKSYB102K50	
R	668				RD1/4PS101JL	C	708		4.7 μF/16V	CCH1005	
R	670				RD1/4PM473J	C	709			CEAR47M50LS	
R	671				RD1/4PS561JL	C	714	715		CCSCH090D50	
R	678	679			RD1/4PM821J	C	716	717 718 719 720 722		CKSYB103K50	
R	682	684 687 734 735			RD1/4PS223JL	C	721			CCSSL561J50	
R	695	696 758 777 784 785			RS1/8S0R0J	C	751		8200 μF/5.5V	CCH1008	
R	697				RD1/4PS472JL	C	771	772		CEALNP4R7M16	
R	698				RD1/4PS102JL	C	821	830		CEA4R7M35LS	
R	702	823			RS1/8S182J	C	823	824		CKSYB223K50	
R	703				RS1/8S821J	C	822	825		CEAR47M50LS2	
						C	827			CCSSL271J50	

Tuner Audio Unit(KEH-5080B)

Consists of
 • Mother Unit
 • NVM Unit
 • Front R Unit

Unit Number :
 Unit Name : Tuner Audio Unit(KEH-5080B)

MISCELLANEOUS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

** IC 251	M51522AL
** IC 451 771	TA75558S
** IC 651	AN6540
** IC 701	P04123
** IC 751	PDG011
** Q 251 252 253 655 656 659 660 661 663 664	2SC2458 (2SC1740S)
** Q 651 652	0TC314TS
** Q 654 657 658 751	2SA1048 (2SA933S)
** Q 653 669	2SD1919
** Q 671 710	0TC124XS (UN4212)
** Q 701	2SC2498 (2SC2026)
** Q 702 707	2SC2458 (2SC1740S)
** Q 703 704 705 712	0TC144ES (UN4213)
** Q 706	2SK330
** Q 708 709	2SA1150
** Q 711 715	2SC3113
* D 251 652 655 666 703 710 711 712 713 771 772	1SS133 (1SS176) (US1040M)
* D 252	HZS8R2EB2 (RD8R2ESB2)
* D 651	HZS9R1EB2 (RD9R1ESB2)
* D 653 707 714 715 716 717 773 774 775 776	US1040
* D 656	(1S1555) (DS442) RD7R5ESB2 (HZS7R5EB2)
* D 657	HZS5R1EB2
* D 658	(RD5R1ESB2) HZS7R5EB2 (RD7R5ESB2)
* D 659	HZS5R6JB2 (RD5R6JSB2)
* D 662 664 704	1SS133 (1SS176) (US1040M)
* D 665	RD2R7ESB2 (HZS2R7EB2)
* D 702	HZS3R0EB2 (RD3R0ESB2)
* D 705	1SS135
* D 951 952	SLR-320DU3LM
* D 953	SLR-320PG3KL

LED
 LED

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

L 701	Ferri-Inductor	LAU470K
L 702	Ferri-Inductor	LAU2R2M
H 101	Capacitor with Discharge Gap	CCX-006
X 701	Xtal	CSS1011
** S 451	Switch	CSG-207
** S 951	Switch	CSG1015
** IL 771 772	Lamp	CEL1034
** IL 951	Lamp 14V 40mA	CEL1004
** VR 451 452	Volume(BASS TREBLE) 20kΩ(B)×2	CCS1076
** VR 454/S651	Volume/Switch(VOLUME BALANCE/ TUNER POWER) 20kΩ(B)×2	CCS1075
	50kΩ(W)×1	
	LCD	CWV1078

RESISTORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

R 251 252	RS1/8S151J
R 257 258	RD1/4PS133JL
R 259 260	RD1/4PS334JL
R 261 262 467 468	RD1/4PS272JL
R 263 264 702	RS1/8S182J
R 265 775 776	RD1/4PS104JL
R 266 737	RS1/8S104J
R 271	RS1/8S681J
R 272 653	RD1/4PS471JL
R 273 274 780	RS1/8S222J
R 453 454 455 456	RS1/8S332J
R 457 458 459 460	RS1/8S153J
R 463 659 660 683 688 740	RS1/8S103J
R 464 654	RS1/8S223J
R 465 466 471 472 701	RS1/8S102J
R 655 720 722 726 727	RD1/4PS102JL
R 656	RD1/4PS471JL
R 657	RD1/4PS104JL
R 658 664 666 669 672 676 736 754	RD1/4PS103JL
R 661 674 717 751 773 774	RD1/4PS473JL
R 662	RD1/4PM103J
R 663 721 753	RD1/4PS472JL
R 665 675	RS1/8S472J
R 667	RD1/4PS331JL
R 668	RD1/4PS101JL
R 670	RD1/4PM473J
R 671	RD1/4PS561JL
R 678 679	RD1/4PM821J
R 682 684 687 734 735	RD1/4PS223JL
R 696 758 777 784 785	RS1/8S0R0J
R 697	RS1/4PS472JL
R 698	RS1/4PS102JL
R 703	RS1/8S821J
R 704 705	RS1/8S101J
R 706	RD1/4PM331J
R 707	RD1/4PM222J
R 710	RS1/10S473J
R 711 725 741 742	RD1/4PM472J
R 714 771 772	RS1/8S473J
R 716	RD1/4PS393JL
R 718 719 724 739	RD1/4PS222JL
R 723	RS1/8S152J
R 733	RD1/4PM104J
R 738	RD1/4PS221JL
R 752	RS1/8S392J

Tuner Audio Unit(KEH-6080B)
Consists of
● Mother Unit
● Pre-NVM Unit
● Front R Unit
● MS Dolby Unit

Unit Number :

Unit Name : Tuner Audio Unit(KEH-6080B)

MISCELLANEOUS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
** IC 251		M51522AL			
** IC 301		CXA1102P			
** IC 401		PA0011			
** IC 451 771		TA75558S			
** IC 651		AN6540			
** IC 701		PD4123			
** IC 751		PDG011			
** IC 851		CWV1079			
** Q 251 252 401 402 451 452 453 454 655 656		2SC2458 (2SC1740S)			
** Q 253 653 669		2SD1919			
** Q 403 654 657 658 670 751		2SA1048 (2SA933S)			
** Q 651 652 667 668		DTC314TS			
** Q 659 660 661 663 664 665 666 702		2SC2458 (2SC1740S)			
** Q 671 710		DTC124XS (UN4212)			
** Q 701		2SC2498 (2SC2026)			
** Q 703 704 705 712		DTC144ES (UN4213)			
** Q 706		2SK330			
** Q 707		2SC2458 (2SC1740S)			
** Q 708 709		2SA1150			
** Q 711 715		2SC3113			
* D 251 652 655 664 666 703 704 710 711 712 713		1SS133 (1SS176) (US1040M)			
* D 252		HZS8R2EB2 (MTZ8R2B)			
* D 401		HZS9R1EB2 (MTZ9R1B)			
* D 651		HZS9R1EB1			
* D 653 707 714 715 716 717 773 774 775		(RD9R1ESB1) 1S1555 (US1040) (DS442)			
* D 656		RD7R5ESB2			
* D 657		(HZS7R5EB2) HZS5R1EB2 (MTZ5R1B)			
* D 658		HZS7R5EB2 (MTZ7R5B)			
* D 665		RD2R7ESB2 (HZS2R7EB2)			
* D 702		HZS3R0EB2 (RD3R0ESB2)			
* D 705		1SS135			

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
* D 771 772					.SS133 (1SS176) (US1040M)
* D 776					1S1555 (US1040)
* D 951 952 953 954		LED			(DS442) SLR-320PG3KL
* D 955		LED			SLR-320VR3FKL
L 701		Ferri-Inductor			LAU470K
L 702		Ferri-Inductor			LAU2R2M
H 101		Capacitor with Discharge Gap			CCX-006
X 701		Xtal			CSS1011
** S 451		Switch			CSG-207
** IL 771 772		Lamp			CEL-148
** IL 951		Lamp			CEL-147
** VR 301 302		Semi-fixed 33kΩ(B)			CCP-381
** VR 451 452		Volume(BASS TREBLE) 50kΩ(B)×2			CCS1076
** VR 454/S654		Volume/Switch(VOLUME BALANCE FADER/TUNER POWER) 20kΩ(B)×2 50kΩ(W)×1 20kΩ(W)×2			CCS1074
** S 451		Switch(LOUDNESS)			CSG-207
** S 951 952 953		Switch(MS DOLBY METAL) LCD			CSG1015 CWV1117

RESISTORS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R 251 252					RS1/8S181J
R 257 258					RD1/4PS133JL
R 259 260					RD1/4PS334JL
R 261 262 467 468					RD1/4PS272JL
R 263 264 453 454 455 456					RS1/8S332J
R 265 775 776					RD1/4PS104JL
R 266 737					RS1/8S104J
R 271					RS1/8S681J
R 272 479 480 481 482 653					RD1/4PS471JL
R 273 274 696 758 777 784 785					RS1/8S0R0J
R 301					RD1/4PS433JL
R 302 303 401 402 403 463 659 660 683 688					RS1/8S103J
R 305 306					RD1/4PS273JL
R 308					RS1/8S471J
R 404 759					RS1/8S224J
R 405					RS1/8S154J
R 406 464 654 855 856					RS1/8S223J
R 407 408 477 478 718 719 724 739					RD1/4PS222JL
R 409					RD1/4PS271JL
R 410 658 664 666 669 673 676 736					RD1/4PS103JL
R 411 663 721 753					RD1/4PS472JL
R 457 458 459 460					RS1/8S153J
R 465 466 471 472 701					RS1/8S102J
R 473					RS1/8S184J
R 474					RD1/4PS184JL
R 475 476 661 674 686 717 773 774					RD1/4PS473JL
R 483 484 702					RS1/8S182J
R 484 485					RS1/10S182J
R 487 488					RD1/4PS220JL
R 655 720 722 726 727					RD1/4PS102JL
R 656					RD1/4PS471JL
R 657					RD1/4PS104JL
R 662					RD1/4PM103J
R 665 675					RS1/8S472J
R 667					RD1/4PS331JL

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.	Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	668			RD1/4PS101JL		C	711 716 717 718 719 720 722			CKSYB103K50	
R	697			RD1/4PS472JL		C	714 715			CCSCH090D50	
R	698			RD1/4PS102JL		C	721			CCSSL561J50	
R	670			RD1/4PM473J		C	751	8200 μF/5.5V		CCH1008	
R	671			RD1/4PS561JL		C	771 772			CEALNP4R7M16	
R	672 754			RD1/4PS103JL		<div>Tuner Audio Unit(KEH-5080SDK)</div> <div>Consists of</div> <ul style="list-style-type: none">●Mother Unit●NVM Unit●Front R Unit					
R	678 679 680			RD1/4PM821J							
R	681 711 725 741 742			RD1/4PM472J							
R	682 684 687 734 735			RD1/4PS223JL							
R	703			RS1/8S821J							
R	704 705 857			RS1/8S101J		Unit Number : Unit Name : Tuner Audio Unit(KEH-5080SDK)					
R	706			RD1/4PM331J							
R	707			RD1/4PM222J							
R	710			RS1/10S473J							
R	714 771 772			RS1/8S473J							
R	716			RD1/4PS393JL		MISCELLANEOUS					
R	723			RS1/8S152J							
R	733			RD1/4PM104J							
R	738			RD1/4PS221JL							
R	740			RS1/8S103J							
R	751 774			RD1/4PS473JL		Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	752			RS1/8S392J		**	IC 251			M51522AL	
R	755 756 787 788			RS1/8S682J		**	IC 451 771 821			TA75558S	
R	779			RS1/8S563J		**	IC 651			AN6540	
R	780			RS1/8S222J		**	IC 701			PD4124A	
R	783			RD1/4PS333JL		**	IC 751			PDG011	
CAPACITORS						**	Q 251 252 253 655 656 659 660 661 663 664			2SC2458	
						**	Q 651 652			(2SC1740S)	
						**	Q 653 669 811			DTC314TS	
						**	Q 654 657 658 751			2S01919	
						**	Q 654 657 658 751			2SA1048	
Mark	====	Circuit Symbol & No.	====	Part Name	Part No.	**	Q 665 666 702 707 713 821 822 823			(2SA933S)	
C	251 252			CCSSL471J50		**	Q 671 710			2SC2458	
C	253 254			CEANL4R7M35LL		**	Q 671 710			(2SC1740S)	
C	255 256 321 409 658 661 853			CEA470M16LS						DTC124XS	
C	257 258 325 401 402 702 705 707 710			CKSYB103K50						(UN4212)	
C	259 260			CKSYB223K50		**	Q 701			2SC2498	
C	261			CEA101M10LL		**	Q 703 705 712			(2SC2028)	
C	262 407 472 475 665			CEA220M16LS		**	Q 706			DTC144ES	
C	301 302 404 405 406 652			CEA010M50LS2		**	Q 706			(UN4213)	
C	319			CEA101M10LL		**	Q 708 709			2SK330	
C	322 323			CEAR68M50LS2		**	Q 711 715			2SA1150	
C	324 408 467 468			CEA4R7M35LS		* D	251 652 655 666 703 710 711 712 713 771			2SC3113	
C	403			CKSYB392K50			772			1SS133	
C	453 454			CKSQYB332K50						(1SS176)	
C	457 458			CKSQYB333K50		* D	252			(US1040M)	
C	459 460			CCSCH330J50		* D	651			HZS8R2EB2	
C	461 462			CEA4R7M25L2		* D	651			(RD8R2ESB2)	
C	463 464			CKSYB272K50		* D	653 70 707 714 715 716 717 773 774 775			HZS9R1EB2	
C	465 466			CEAR33M50LS2			776			(RD9R1ESB2)	
C	469 470 471 659 660 773 774 851 852			CEA100M16LS2						US1040	
C	651 657 713			CKSYF473Z50						(1S1555)	
C	653			CEA221M10L2		* D	656			(DS442)	
C	654			CEA101M10L2		* D	657			RD7R5ESB2	
C	655			CEA101M10L2		* D	657			(HZS7R5EB2)	
C	656			CEA100M16L2						HZS5R1EB2	
C	663 664			CKSYB472K50		* D	658			(RD5R1ESB2)	
C	666			CEA220M16L2		* D	659			HZS7R5EB2	
C	701			CCSSL561J50		* D	659			(RD7R5ESB2)	
C	703 704			CCSSL101J50						HZS5R6JB2	
C	708			CCH1005						(RD5R6JSB2)	
C	709			CEAR47M50LS							

20. ELECTRICAL PARTS LIST

NOTE:

- For your parts Stock Control, the fast moving items are indicated with the marks ** and ‡.
- ** : GENERALLY MOVES FASTER THAN ‡.
- This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.
- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/8S □□□J, RS1/10S □□□J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

Tuner Audio Unit(KEH-6080SDK)	
Consists of	
● Mother Unit	
● Pre-NVM Unit	
● Front R Unit	
● MS Dolby Unit	

Unit Number :
Unit Name : Tuner Audio Unit(KEH-6080SDK)

MISCELLANEOUS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
‡	D	401			HZS9R1EB2 (MTZ9R1B)
‡	D	651			HZS9R1EB1
‡	D	653 701 707 714 715 716 717 773 774 775			(RD9R1ESB1) 1S1555 (US1040) (DS442)
‡	D	656			RD7R5ESB2
‡	D	657			(HZS7R5EB2) HZS5R1EB2 (MTZ5R1B)
‡	D	658			HZS7R5EB2 (MTZ7R5B)
**	IC	251		M51522AL	
**	IC	301		CXA1102P	
**	IC	401		PA0011	
**	IC	451 771 821		TA75558S	
**	IC	651		AN6540	
**	IC	701		PD4124A	
**	IC	751		PDG011	
**	IC	851		CW1079	
**	Q	251 252 401 402 451 452 453 454 655 656		2SC2458 (2SC1740S)	
**	Q	253 653 669 811		2SD1919	
**	Q	403 654 657 658 670 751		2SA1048 (2SA933S)	
**	Q	651 652 667 668		DTC314TS	
**	Q	659 660 661 663 664 665 666 702		2SC2458 (2SC1740S)	
**	Q	671 710		DTC124XS	
**	Q	701		UN4212 2SC2498 2SC2026	
**	Q	703 705 712		DTC144ES UN4213	
**	Q	706		2SK330	
**	Q	707 713 821 822 823		2SC2458 (2SC1740S)	
**	Q	708 709		2SA1150	
**	Q	711 715		2SC3113	
‡	D	251 652 655 664 666 703 704 710 711 712 713		1SS133 (1SS176) (US1040M)	
‡	D	252		HZS8R2EB2 (MTZ8R2B)	
‡	D	401			HZS9R1EB2 (MTZ9R1B)
‡	D	651			HZS9R1EB1
‡	D	653 701 707 714 715 716 717 773 774 775			(RD9R1ESB1) 1S1555 (US1040) (DS442)
‡	D	656			RD7R5ESB2
‡	D	657			(HZS7R5EB2) HZS5R1EB2 (MTZ5R1B)
‡	D	658			HZS7R5EB2 (MTZ7R5B)
‡	D	659			HZS5R6JB2 (RD5R6JSB2)
‡	D	665			RD2R7ESB2 (HZS2R7EB2)
‡	D	702			HZS3R0EB2
‡	D	705			(RD3R0ESB2) 1SS135
‡	D	771 772			1SS133 (1SS176) (US1040M)
‡	D	776			1S1555 (US1040) (DS442)
‡	D	951 952 953 954	LED		SLR-320PG3KL
‡	D	955	LED		SLR-320VR3FKL
L	701		Ferri-Inductor		LAU470K
L	702		Ferri-Inductor		LAU2R2M
H	101		Capacitor with Discharge Gap		CCX-006
X	701		Xtal		CSS1011
**	IL	771 772	Lamp 14V 40mA		CEL-148
**	IL	951	Lamp 14V 40mA		CEL-147
**	VR	301 302	Semi-fixed 33kΩ(B)		CCP-381
**	VR	451 452	Volume(BASS TREBLE) 50kΩ(B)×2		CCS1076
**	VR	454/S654	Volume/Switch(VOLUME BALANCE FADER/TUNER POWER) 20kΩ(B)×1 50kΩ(W) 20kΩ(W)×2		CCS1074
**	S	451	Switch(LOUDNESS)		CSG-207
**	S	916	Switch(SDK)		CSG-253
**	S	951 952 953	Switch(MS DOLBY METAL)		CSG1015
			LCD		CW1117

RESISTORS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	251 252			RS1/8S181J	RS1/8S103J
R	257 258			RD1/4PS133JL	RD1/4PS473JL
R	259 260			RD1/4PS334JL	RS1/8S392J
R	261 262 467 468 469 470 477 478			RD1/4PS272JL	RS1/8S682J
R	263 264 453 454 455 456 728			RS1/8S332J	RD1/4PS124JL
R	265			RD1/4PS104JL	RS1/8S563J
R	266 737			RS1/8S104J	RS1/8S222J
R	271			RS1/8S681J	RS1/8S271J
R	272 479 480 481 482 653 811			RD1/4PS471JL	RD1/4PS188JL
R	273 274 307 695 696 758 777 784 785			RS1/8SOR0J	RS1/8S333J
R	301			RD1/4PS433JL	RS1/8S122J
R	302 303 401 402 403 463 659 660 683 688			RS1/8S103J	
R	305 306			RD1/4PS273JL	
R	308			RS1/8S471J	
R	404 759			RS1/8S224J	
R	405			RS1/8S154J	
R	406 464 654 729 821 830 855 856			RS1/8S223J	
R	407 408 718 719 724 739			RD1/4PS222JL	
R	409 833			RD1/4PS271JL	
R	410 658 664 666 669 673 676			RD1/4PS103JL	
R	411 663 721 753			RD1/4PS472JL	
R	457 458 459 460			RS1/8S153J	
R	465 466 471 472 701 832			RS1/8S102J	
R	473			RS1/8S184J	
R	474			RD1/4PS184JL	
R	475 476 661 674 686 713 715 717 773 774			RD1/4PS473JL	
R	483 484 702 823			RS1/8S182J	
R	485 486			RS1/10S182J	
R	487 488			RD1/4PS220JL	
R	655 720 722 726 727			RD1/4PS102JL	
R	657			RD1/4PS104JL	
R	662			RD1/4PM103J	
R	665 675 829			RS1/8S472J	
R	667			RD1/4PS331JL	
R	668			RD1/4PS101JL	
R	670			RD1/4PM473J	
R	671			RD1/4PS561JL	
R	672 736 754			RD1/4PS103JL	
R	678 679 680			RD1/4PM821J	
R	681			RD1/4PM472J	
R	682 684 687 734 735			RD1/4PS223JL	
R	697			RD1/4PS472JL	
R	698			RD1/4PS102JL	
R	703			RS1/8S821J	
R	704 705 857			RS1/8S101J	
R	706			RD1/4PM331J	
R	707			RD1/4PM222J	
R	708 710			RS1/10S473J	
R	709 783			RD1/4PS333JL	
R	711 725 741 742 827			RD1/4PM472J	
R	712 714 771 772			RS1/8S473J	
R	716			RD1/4PS393JL	
R	723			RS1/8S152J	
R	733			RD1/4PM104J	
R	738			RD1/4PS221JL	

CAPACITORS

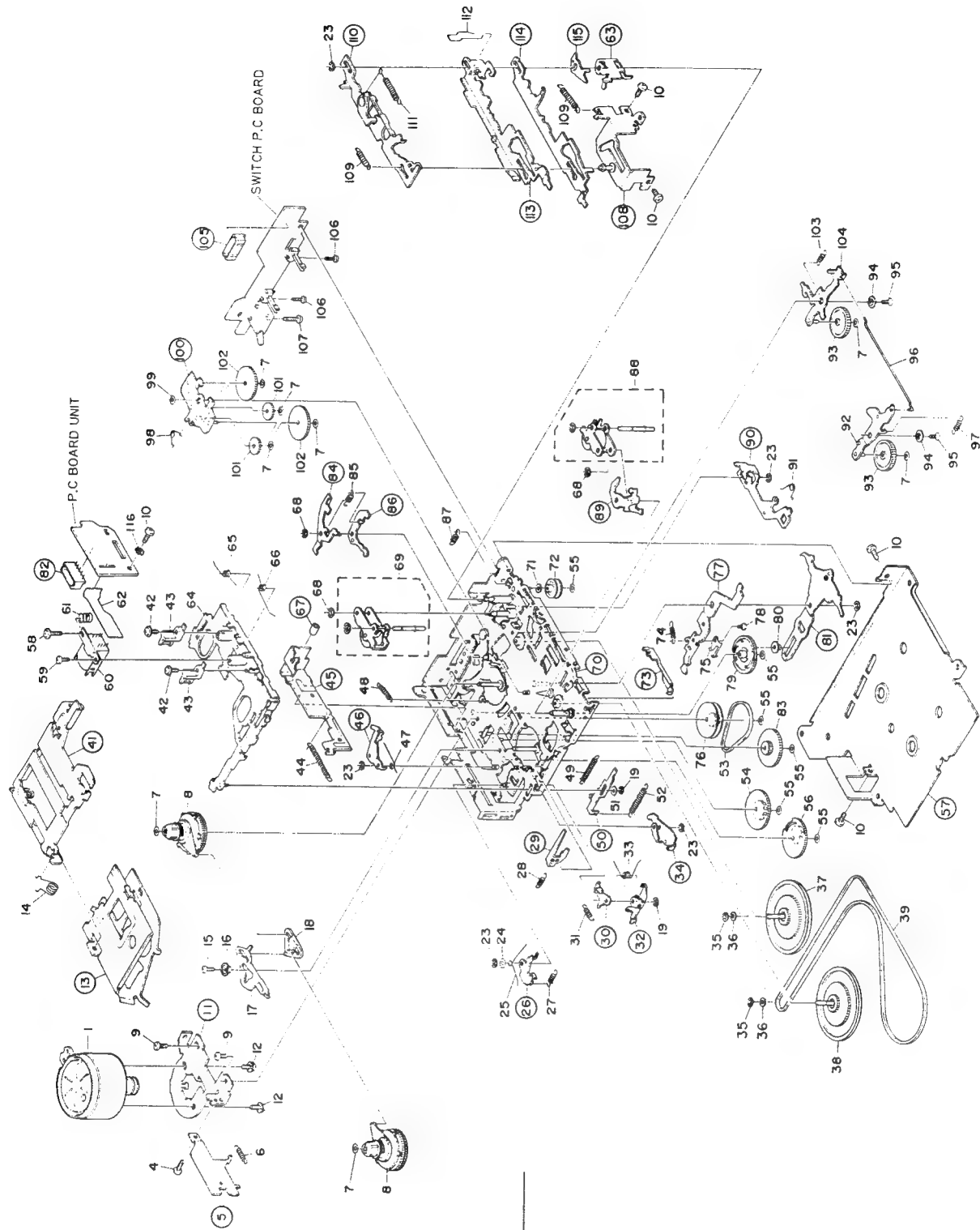
Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	740 813 814				
R	751 774				
R	752				
R	755 756 787 788				
R	775 776				
R	779 831				
R	780 826				
R	812				
R	815				
R	822				
R	828				
C	251 252 826			CCSSL471J50	
C	253 254			CEANL4R7M35LL	
C	255 256 321 409 658 661 853			CEA470M16LS	
C	257 258 325 401 402 702 705 707 710			CKSYB103K50	
C	259 260 823 824			CKSYB223K50	
C	261			CEA101M10LL	
C	262 407 472 475 665 811			CEA220M16LS	
C	301 302 404 405 406 652			CEA010M50LS2	
C	319			CEA101M10LL	
C	322 323			CEAR68M50LS2	
C	324 408 467 468 821 830			CEA4R7M35LS	
C	403			CKSYB332K50	
C	453 454			CKSYB332K50	
C	457 458			CKSYB333K50	
C	459 460			CCSCH330J50	
C	461 462			CEA4R7M35LS	
C	463 464			CKSYB272K50	
C	465 466			CEAR33M50LS2	
C	469 470 471 659 660 773 774 851 852			CEA100M16LS2	
C	651 657 713			CKSYF473Z50	
C	653			CEA221M10L2	
C	654 655			CEA101M10L2	
C	656			CEA100M16L2	
C	663 664			CKSYB472K50	
C	666			CEA220M16L2	
C	701			CCSSL561J50	
C	703 704			CCSSL101J50	
C	706			CKSYB102K50	
C	708		4.7 μ F/16V	CCH1005	
C	709			CEAR47M50LS	
C	711 716 717 718 719 720 722			CKSYB103K50	
C	714 715			CCSCH090050	
C	721			CCSSL561J50	
C	751		8200 μ F/5.5V	CCH1008	
C	771 772			CEALNP4R7M18	
C	822 825			CEAR47M50LS2	
C	827			CCSSL271J50	
C	829			CEA470M16L2	

• Parts List

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
	1		Case		39		Holder
◎	2	CWH1041	Main Amp Unit (6080 Series)		40		Cushion
◎		CWH1047	Main Amp Unit (5080 Series)	★	41	CAC1501	Button(MS) (6080 Series)
	3		Heat Sink	★	42	CAC1499	Button(DOLBY) (6080 Series)
	4		Connector(5P)	★	43	CAC1500	Button(MTL) (6080 Series)
	5	CDE1749	Cord Assy (6080 Series)	★		CAC1502	Button(NS) (5080 Series)
		CKM1019	Housing (5080 Series)		44	CSN1260	Escutcheon(L)
	6		Holder		45	CBH-875	Spring
	7		Plate		46	CAT1084	Door(6080 Series)
★★	8	BMZ26P160FMC	Screw			CAT1085	Door(5080 Series)
★★	9	TA8205AH	IC		47	CBH1103	Spring
	10		Connector(3P)	★	48	CAC1503	Button(DIR)
	11		Insulator	★	49	CAA1118	Knob(6080 Series)
	12		Plug(7P)	★	50	CAA1050	Knob(6080 Series)
	13		Connector(5P) (6080 Series)	★		CAA1101	Knob(5080 Series)
	14	BPZ20P060FZK	Screw		51	CXA1938	Grille Unit
★★	15	CEL-147	Lamp(6080 Series)				(6080SDK)
★★		CEL1004	Lamp(5080 Series)			CXA1939	Grille Unit (6080B)
	16		Spacer			CXA1944	Grille Unit (5080SDK)
	17		Plug(10P)			CXA1945	Grille Unit (5080B, 5080)
	18		Holder		52	CDE1759	Cord Assy
	19	BMZ26P040FMC	Screw	◎	53	EXK1020	Cassette Mchanism Assy (6080 Series)
	20	CBA-067	Nut				
	21	CBA-066	Nut				
★	22	CAA1043	Knob	◎		EXK1140	Cassette Mchanism Assy (5080 Series)
	23		Cushion		54		Plug(3P) (6080 Series)
	24		Sheet	★	55	CAC1353	Button ◁◁
★	25	CAC1261	Button(1)	★	56	CAC1352	Button ▷▷
★	26	CAC1262	Button(2)		57		Holder(6080 Series)
★	27	CAC1263	Button(3)		58		Connector(12P) (6080 Series)
★	28	CAC1264	Button(4)		59		Connector(6P) (6080 Series)
★	29	CAC1265	Button(5)		60		Connector(5P) (5080 Series)
★	30	CAC1266	Button(6)		61		Plug(12P) (6080 Series)
★	31	CAC1267	Button(BAND)		62		Plug(10P)
★	32	CAC1457	Button(LOC)		63		Connector(2P)
★	33	CAC1458	Button(BSM)		64		Plug(4P) (Without SDK Model)
★	34	CAC1455	Button(BAND)		65		Plug(10P) (With SDK Model)
★	35	CAC1456	Button(SEEK-MANU)				Connector(7P)
★	36	CXA1814	Button Unit(LOUD)				
★	37	CAC1453	Button(SDK) (SDK Model)				
	38	BPZ20P050FMC	Screw				

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
	66		Connector(5P)		96		Cushion
	67		Plug(5P)	●	97	CWA1016	AM Unit
	68		Plug(3P)		98		Holder
	69		Plug(5P) (6080 Series)		99		Connector(12P)
	70		Connector(10P)	●	100	CWM1402	Tuner Audio Unit
	71		Plug(4P)				(6080SDK)
★★	72	CCS1074	Volume	●		CWM1403	Tuner Audio Unit
	73	BMZ30P060FMC	Screw				(6080B)
★★	74	AN6540	IC	●		CWM1409	Tuner Audio Unit
★★	75	CCS1076	Volume				(5080SDK)
★★	76	CCS1076	Volume	●		CWM1410	Tuner Audio Unit
	77		Holder				(5080B)
★★	78	CEL-148	Lamp (6080 Series)				
★★		CEL1034	Lamp (5080 Series)		101	BMZ30P080FZK	Screw (6080 Series,
	79	.....					5080B)
	80		Holder		102	CLA1165	Collar(6080 Series,
	81	CNW-855	Bush				5080B)
	82		Insulator	★	103	CDE1542	Cord Assy
	83	CWW1117	LCD (6080 Series)				(6080 Series)
		CWW1078	LCD (5080 Series)	★		CDE1544	Cord Assy
							(5080 Series)
	84	CDE1519	Cord Assy		104	BMZ40P060FMC	Screw (6080 Series,
	85	BMZ26P060FMC	Screw				5080B)
	86		Chassis Unit		105	CNB1152	Box (6080 Series,
	87		Plug(12P)				5080B)
●	88	CWE1087	FM Unit(With SDK Model)		106	CDE1516	Cord Assy
●		CWE1088	FM Unit(Without SDK Model)		107	CLA1125	Collar(6080 Series,
	89		Holder				5080B)
	90	CWB1022	Front End Unit		108	CNC1379	Handle(6080 Series,
	91		Insulator				5080B)
	92		Connector(10P)		109	CSN1261	Escutcheon(R)
	93		Connector(4P)		110	CNP1479	P.C.Board
			(Without SDK Model)		111	CNC1484	Holder (5080SDK)
	94		Connector(10P)				
			(With SDK Model)				
	95		Insulator				

• Cassette Mechanism Assy (KEH-5080SDK, KEH-5080B)

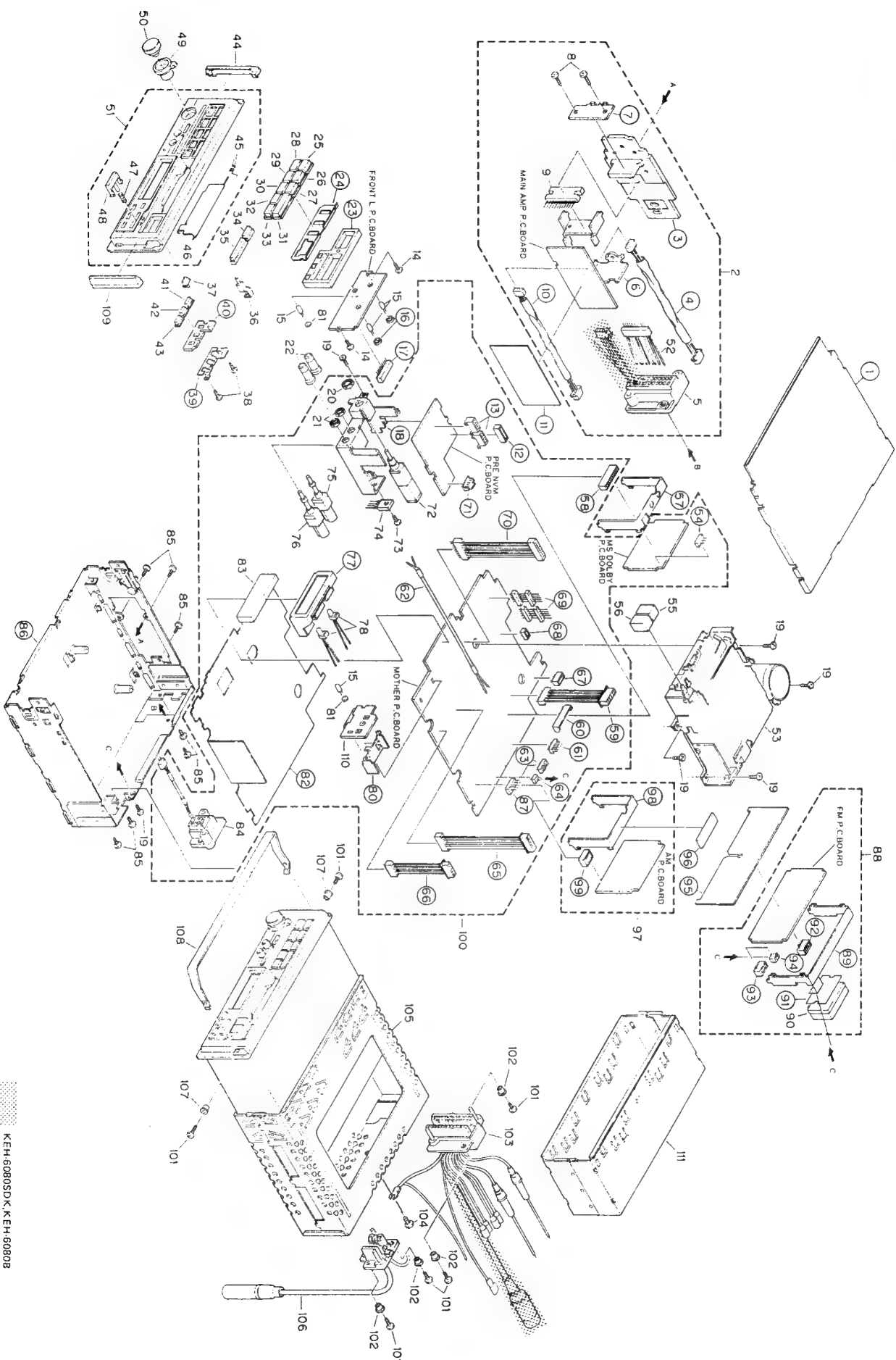


Mark No.	Part No.	Description
94	ELA1032	Collar
95	HBA-212	Screw
96	EBH1007	Spring
97	EBH1006	Spring
98	EBH1014	Spring
99	EBF1005	Washer
100		Arm Unit
101	ENV1018	Gear
102	ENV1017	Gear
103	EBH1022	Spring
104	EXA1005	Arm Unit
105		Plug
106	EBH1006	Screw
107	BMZ20P070FUC	Screw
108		Bracket Unit
109	EBH1016	Spring
110		Lever Unit
111	EBH1048	Spring
112	EBH1005	Spring
113		Lever
114		Lever
115		Arm
116	WH23FMC	Washer

Fig. 25

19. EXPLODED VIEW

1 2 3 4 5 6



• Parts List

Mark	No.	Part No.	Description
★★	1	EXA1013	Motor Unit
	2	EBA1008	Screw
★	3	EXP1001	Solenoid
	4,5	.....
	6	EBH1011	Spring
	7	CBF-166	Washer
★★	8	EXA1012	Reel Unit
	9	BMZ23P030FMC	Screw
	10	BSZ23P040FMC	Screw
	11		Bracket
	12	PMS26P025FUC	Screw
	13		Cassette Holder
	14	EBH1019	Spring
	15	EBA1009	Screw
	16	ELA1042	Collar
	17	ENV1022	Arm
	18	ENV1021	Arm
	19	YE12FUC	Washer
	20	EBH1038	Spring
	21	EBH1012	Spring
	22		Lever Unit
	23	YE15FUC	Washer
	24	CBF-165	Washer
	25	EBH1035	Spring
	26		Arm
	27	EBH1037	Spring
	28	EBH1039	Spring
	29		Arm
	30		Arm
	31	EBH1010	Spring
	32		Arm
	33	EBH1008	Spring
	34		Arm Unit
	35	CBG1001	Washer
	36	HBH-179	Washer
	37	ENV1029	Flywheel (N)
	38	ENV1030	Flywheel (R)
★★	39	CNT-091	Belt
	40	.....
	41		Cassette Frame Unit
	42	PMS20P040FMC	Screw
	43	ENV1016	Tape Guide
	44	EBH1047	Spring
	45		Lever
	46		Arm

Mark	No.	Part No.	Description
	47	EBH1040	Spring
	48	EBH1041	Spring
	49	EBH1021	Spring
	50		Lever
	51	EBE1001	Washer
	52	EBH1009	Spring
★★	53	ENT1002	Belt
	54	ENV1034	Gear
	55	CBF-135	Washer
	56	ENV1014	Gear
	57		Cover
	58	EBA1011	Screw
	59	BMZ20P050FMC	Screw
★★	60	EPB1001	Head
	61	CBH-198	Spring
	62	ENP1003	P.C.Board
	63		Arm
	64	EXA1004	Head Base Unit
	65	EBH1004	Spring
	66	EBH1003	Spring
	67		Cushion
	68	YE20FUC	Washer
★★	69	EXA1002	Roller Unit
	70		Chassis Unit
	71	EBF1004	Washer
	72	ENV1009	Pulley
	73		Lever
	74	EBH1025	Spring
	75	EBL1001	Spring
	76	ENV1010	Pulley
	77		Arm
	78	HBA-147	Screw
	79	ENV1028	Gear
	80	ELA1018	Collar
	81		Arm
	82		Plug
	83	ENV1011	Gear
	84		Arm
	85	EBH1024	Spring
	86		Ratchet
	87	EBH1018	Spring
★★	88	EXA1003	Roller Unit
	89		Arm
	90		Lever
	91	EBH1013	Spring

*See page 46 for parts list.

18. CASSETTE MECHANISM ASSY (KEH-5080SDK, KEH-5080B)

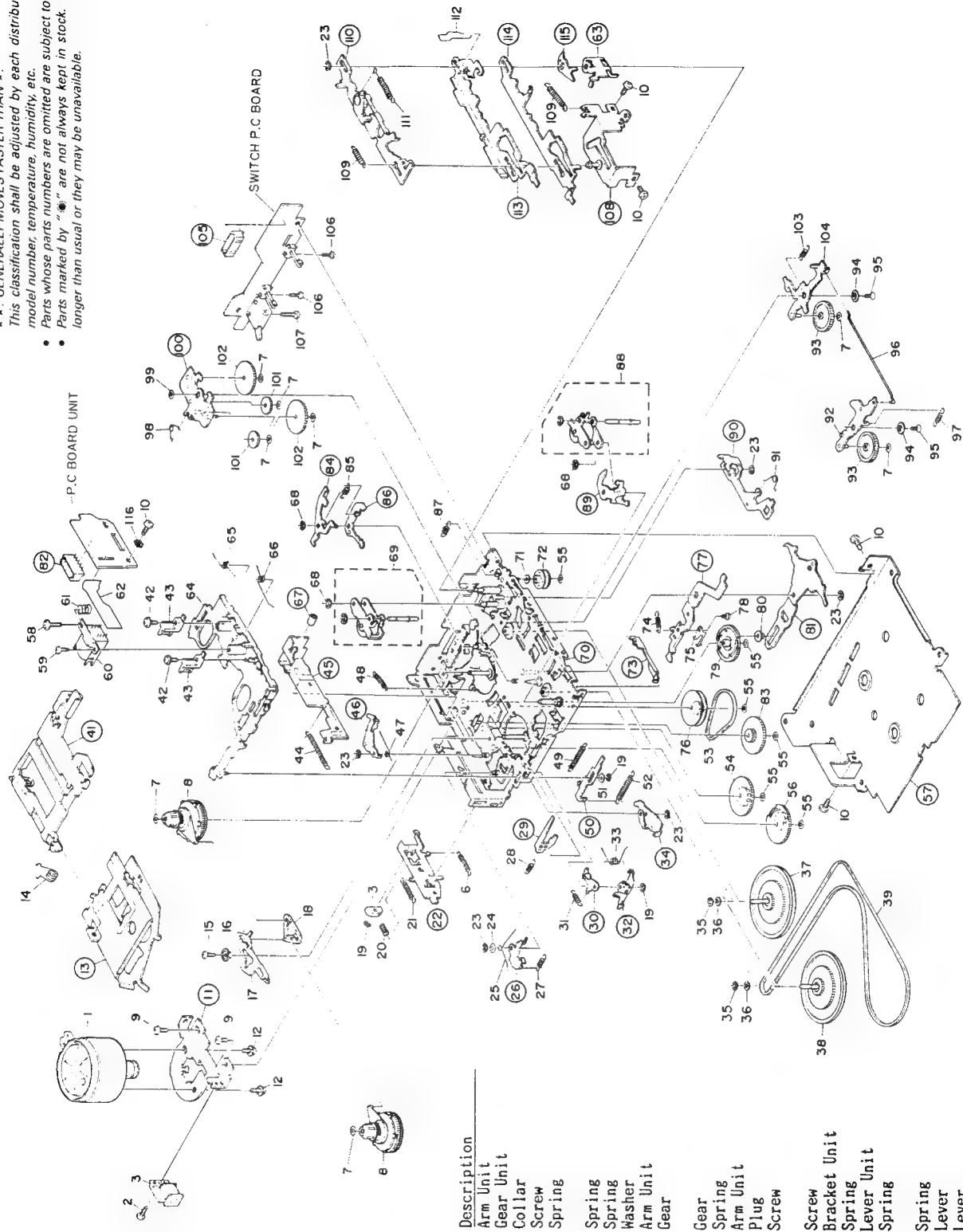
• Parts List

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
★	1	EXA1013	Motor Unit		49	EBH1021	Spring
	2,3	.....			50		Lever
	4	BMZ20P025FMC	Screw		51	EBE1001	Washer
	5		Holder		52	EBH1009	Spring
	6	EBH1011	Spring	★★	53	ENT1002	Belt
	7	CBF-166	Washer		54	ENV1034	Gear
★★	8	EXA1012	Reel Unit		55	CBF-135	Washer
	9	BMZ23P030FMC	Screw		56	ENV1014	Gear
	10	BSZ23P040FMC	Screw		57		Cover
	11		Bracket		58	EBA1011	Screw
	12	PMS26P025FUC	Screw		59	BMZ20P050FMC	Screw
	13		Cassette Holder	★★	60	EPB1001	Head
	14	EBH1019	Spring		61	CBH-198	Spring
	15	EBA1009	Screw		62	ENP1003	P.C.Board
	16	ELA1042	Collar		63		Arm
	17	ENV1022	Arm		64	EXA1004	Head Base Unit
	18	ENV1021	Arm		65	EBH1004	Spring
	19	YE12FUC	Washer		66	EBH1003	Spring
20-22	.....				67		Cushion
	23	YE15FUC	Washer		68	YE20FUC	Washer
	24	CBF-165	Washer	★★	69	EXA1002	Roller Unit
	25	EBH1035	Spring		70		Chassis Unit
	26		Arm		71	EBF1004	Washer
	27	EBH1037	Spring		72	ENV1009	Pulley
	28	EBH1039	Spring		73		Lever
	29		Arm		74	EBH1025	Spring
	30		Arm		75	EBL1001	Spring
	31	EBH1010	Spring		76	ENV1010	Pulley
	32		Arm		77		Arm
	33	EBH1008	Spring		78	HBA-147	Screw
	34		Arm Unit		79	ENV1028	Gear
	35	CBG1001	Washer		80	ELA1018	Collar
	36	HBF-179	Washer		81		Arm
	37	ENV1029	Flywheel (N)		82		Plug
	38	ENV1030	Flywheel (R)		83	ENV1011	Gear
★★	39	CNT-091	Belt		84		Arm
	40	.....			85	EBH1024	Spring
	41		Cassette Frame Unit		86		Ratchet
	42	PMS20P040FMC	Screw		87	EBH1018	Spring
	43	ENV1016	Tape Guide	★★	88	EXA1003	Roller Unit
	44	EBH1047	Spring		89		Arm
	45		Lever		90		Lever
	46		Arm		91	EBH1013	Spring
	47	EBH1040	Spring		92	EXA1006	Arm Unit
	48	EBH1041	Spring		93	EXA1020	Gear Unit

17. CASSETTE MECHANISM ASSY (KEH-6080SDK, KEH-6080B)

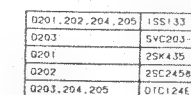
NOTE:

- For your parts Stock Control, the fast moving items are indicated with the marks ** and *.
- ** : GENERALLY MOVES FASTER THAN *.
- This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.
- Parts whose parts numbers are omitted are subject to being not supplied.
- Parts marked by "●" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.



*See page 48 for parts list.

Mark No.	Part No.	Description
92	EXA1006	Arm Unit
93	EXA1020	Gear Unit
94	ELA1032	Collar
95	IBA-212	Screw
96	EBH1007	Spring
97	EBH1006	Spring
98	EBH1014	Spring
99	EBF1005	Washer
100		Arm Unit
101	ENV1018	Gear
102	ENV1017	Gear
103	EBH1022	Spring
104	EXA1005	Arm Unit
105		Plug
106	EBA1006	Screw
107	BMZ20P070FUC	Screw
108		Bracket Unit
109	EBH1016	Spring
110		Lever Unit
111	EBH1048	Spring
112	EBH1005	Spring
113		Lever
114		Lever
115		Arm
116	WH23FMC	Washer



1	2	3	4	5	6	7	8
3.4V	3.4V	0V	4.7V	4.6V	6.9V	4.7V	
9	10	11	12	13	14	15	16
			2.3V	2.3V	8.5V	3.6V	3.6V
17	18	19	20	21	22	23	24
4.6V	4.0V	5.3V	4.8V	8.2V	8.2V	8.5V	3.3V
25	26	27	28	29	30		
0V	8.2V	8.2V	5.4V	5.4V	2.7V		

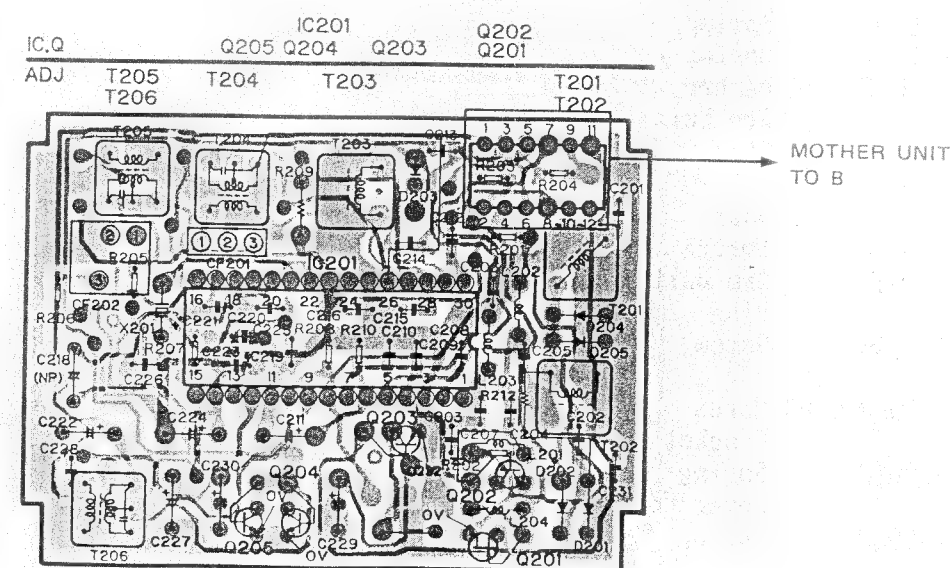
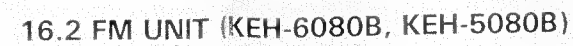
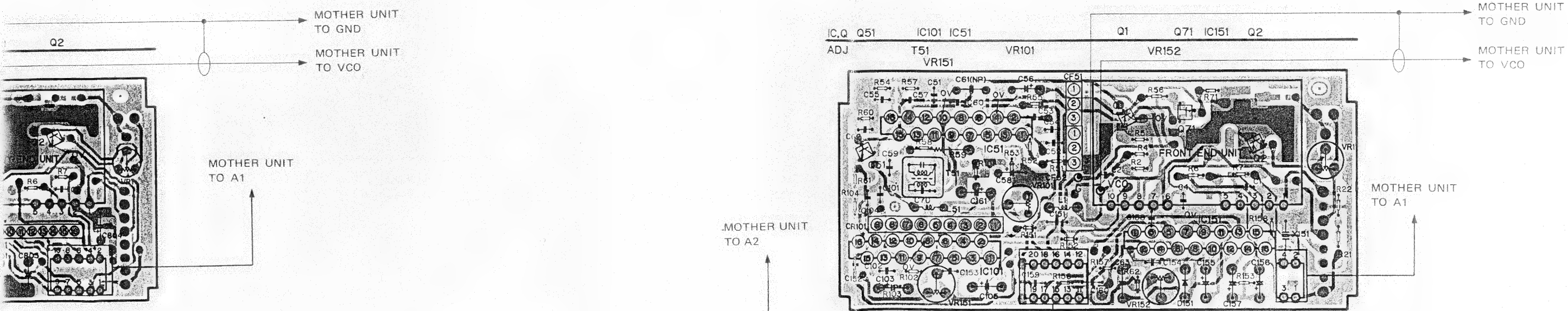


Fig. 23

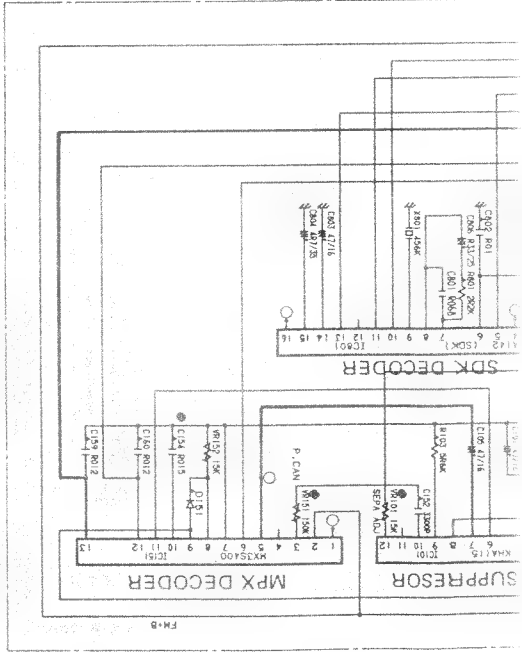
Fig. 21

[illegible]

FM Unit	(KEH-6080B, KEH-5080B)							
IC51	1	2	3	4	5	6	7	8
	2.7V	2.7V	2.7V	0V	1.9V	0.5V	4.9V	5.0V
	9	10	11	12	13	14	15	16
	4.9V	0V	4.9V	8.5V	4.9V	2.2V	0.4V	4.0V
IC101	1	2	3	4	5	6	7	8
	8.5V			4.6V	4.6V	4.2V		0V
	9	10	11	12	13	14	15	16
	1.7V	3.1V	3.0V	2.4V	0.6V	0V	4.5V	4.5V
IC151	1	2	3	4	5	6	7	8
	8.5V		6.0V	2.8V	3.9V	3.9V	0V	0V
	9	10	11	12	13	14	15	16
	0V		2.7V	2.7V	0.3V	2.7V	2.7V	3.5V



capacitor fixed values are



D151	MA151KA
Q1	155A1179A
Q2	DTC124EK
Q51	25C2713
Q71	25J105
D151	MA151KA

FM Unit (KEH-6080B, KEH-5080B)		IC151		IC101		IC51	
		1	2	1	2	1	2
1	2	3	4	5	6	7	8
2	3	4	5	6	7	8	9
3	4	5	6	7	8	9	10
4	5	6	7	8	9	10	11
5	6	7	8	9	10	11	12
6	7	8	9	10	11	12	13
7	8	9	10	11	12	13	14
8	9	10	11	12	13	14	15
9	10	11	12	13	14	15	16
10	11	12	13	14	15	16	17
11	12	13	14	15	16	17	18
12	13	14	15	16	17	18	19
13	14	15	16	17	18	19	20
14	15	16	17	18	19	20	21
15	16	17	18	19	20	21	22
16	17	18	19	20	21	22	23
17	18	19	20	21	22	23	24
18	19	20	21	22	23	24	25
19	20	21	22	23	24	25	26
20	21	22	23	24	25	26	27
21	22	23	24	25	26	27	28
22	23	24	25	26	27	28	29
23	24	25	26	27	28	29	30
24	25	26	27	28	29	30	31
25	26	27	28	29	30	31	32
26	27	28	29	30	31	32	33
27	28	29	30	31	32	33	34
28	29	30	31	32	33	34	35
29	30	31	32	33	34	35	36
30	31	32	33	34	35	36	37
31	32	33	34	35	36	37	38
32	33	34	35	36	37	38	39
33	34	35	36	37	38	39	40
34	35	36	37	38	39	40	41
35	36	37	38	39	40	41	42
36	37	38	39	40	41	42	43
37	38	39	40	41	42	43	44
38	39	40	41	42	43	44	45
39	40	41	42	43	44	45	46
40	41	42	43	44	45	46	47
41	42	43	44	45	46	47	48
42	43	44	45	46	47	48	49
43	44	45	46	47	48	49	50
44	45	46	47	48	49	50	51
45	46	47	48	49	50	51	52
46	47	48	49	50	51	52	53
47	48	49	50	51	52	53	54
48	49	50	51	52	53	54	55
49	50	51	52	53	54	55	56
50	51	52	53	54	55	56	57
51	52	53	54	55	56	57	58
52	53	54	55	56	57	58	59
53	54	55	56	57	58	59	60
54	55	56	57	58	59	60	61
55	56	57	58	59	60	61	62
56	57	58	59	60	61	62	63
57	58	59	60	61	62	63	64
58	59	60	61	62	63	64	65
59	60	61	62	63	64	65	66
60	61	62	63	64	65	66	67
61	62	63	64	65	66	67	68
62	63	64	65	66	67	68	69
63	64	65	66	67	68	69	70
64	65	66	67	68	69	70	71
65	66	67	68	69	70	71	72
66	67	68	69	70	71	72	73
67	68	69	70	71	72	73	74
68	69	70	71	72	73	74	75
69	70	71	72	73	74	75	76
70	71	72	73	74	75	76	77
71	72	73	74	75	76	77	78
72	73	74	75	76	77	78	79
73	74	75	76	77	78	79	80
74	75	76	77	78	79	80	81
75	76	77	78	79	80	81	82
76	77	78	79	80	81	82	83
77	78	79	80	81	82	83	84
78	79	80	81	82	83	84	85
79	80	81	82	83	84	85	86
80	81	82	83	84	85	86	87
81	82	83	84	85	86	87	88
82	83	84	85	86	87	88	89
83	84	85	86	87	88	89	90
84	85	86	87	88	89	90	91
85	86	87	88	89	90	91	92
86	87	88	89	90	91	92	93
87	88	89	90	91	92	93	94
88	89	90	91	92	93	94	95
89	90	91	92	93	94	95	96
90	91	92	93	94	95	96	97
91	92	93	94	95	96	97	98
92	93	94	95	96	97	98	99
93	94	95	96	97	98	99	100

16.2 FM UNIT (KEH-6080B, KEH-5080B)

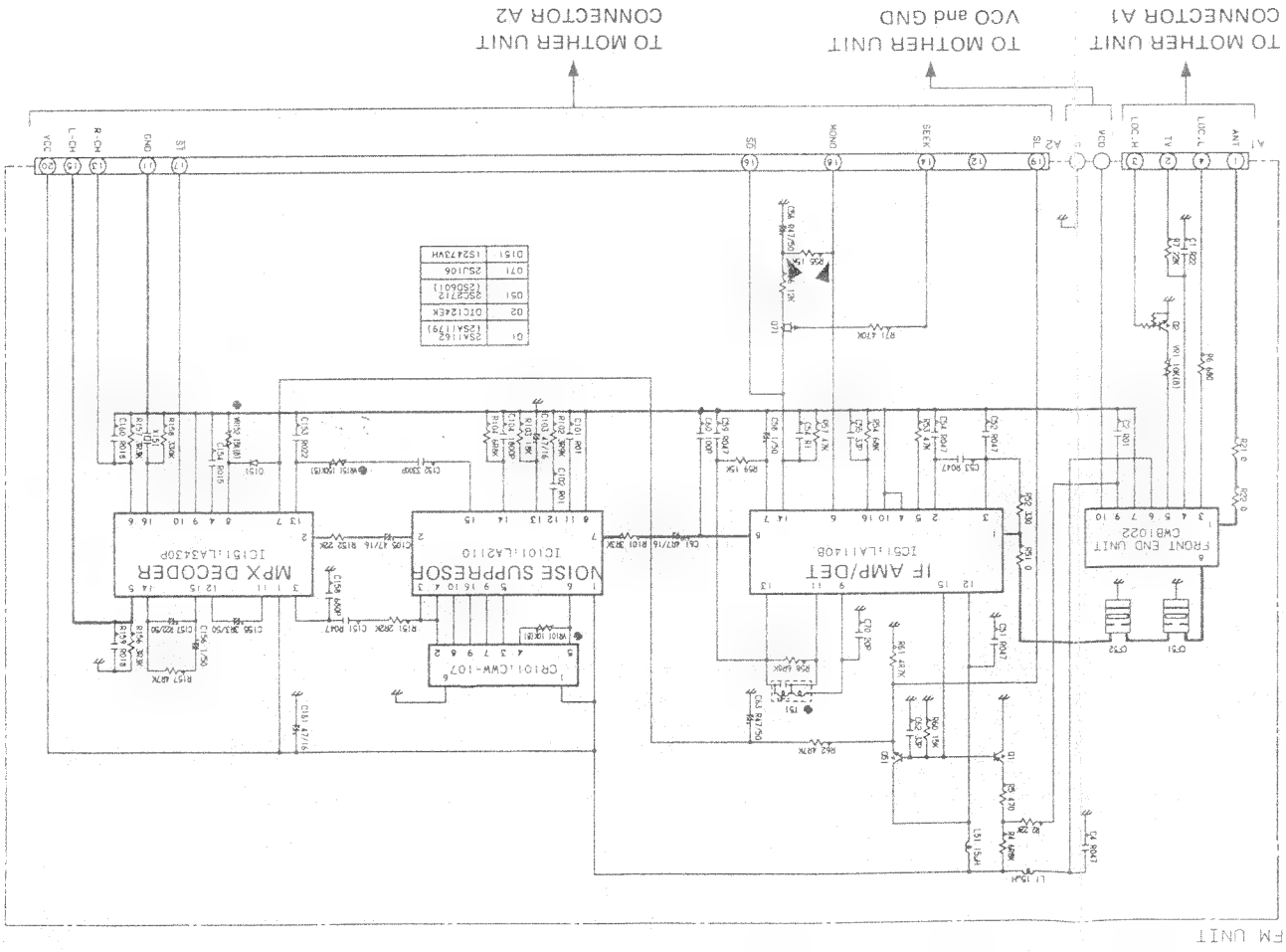
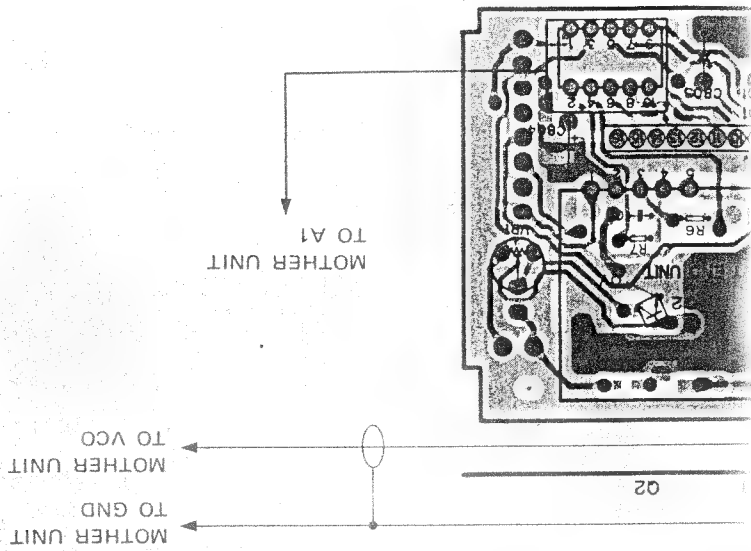


Fig. 17



16. CIRCUIT DIAGRAM AND P.C. BOARDS PATTERN

16.1 FM UNIT (KEH-6080SDK, KEH-5080SDK)

NOTE:
Indicates a chip capacitor.
Indicates a chip resistor.
Indicates a chip diode.
Indicates a chip transistor.
Decimal points for resistor and capacitor fixed values are expressed as:
0.022-0.022
2.2-2.2R2

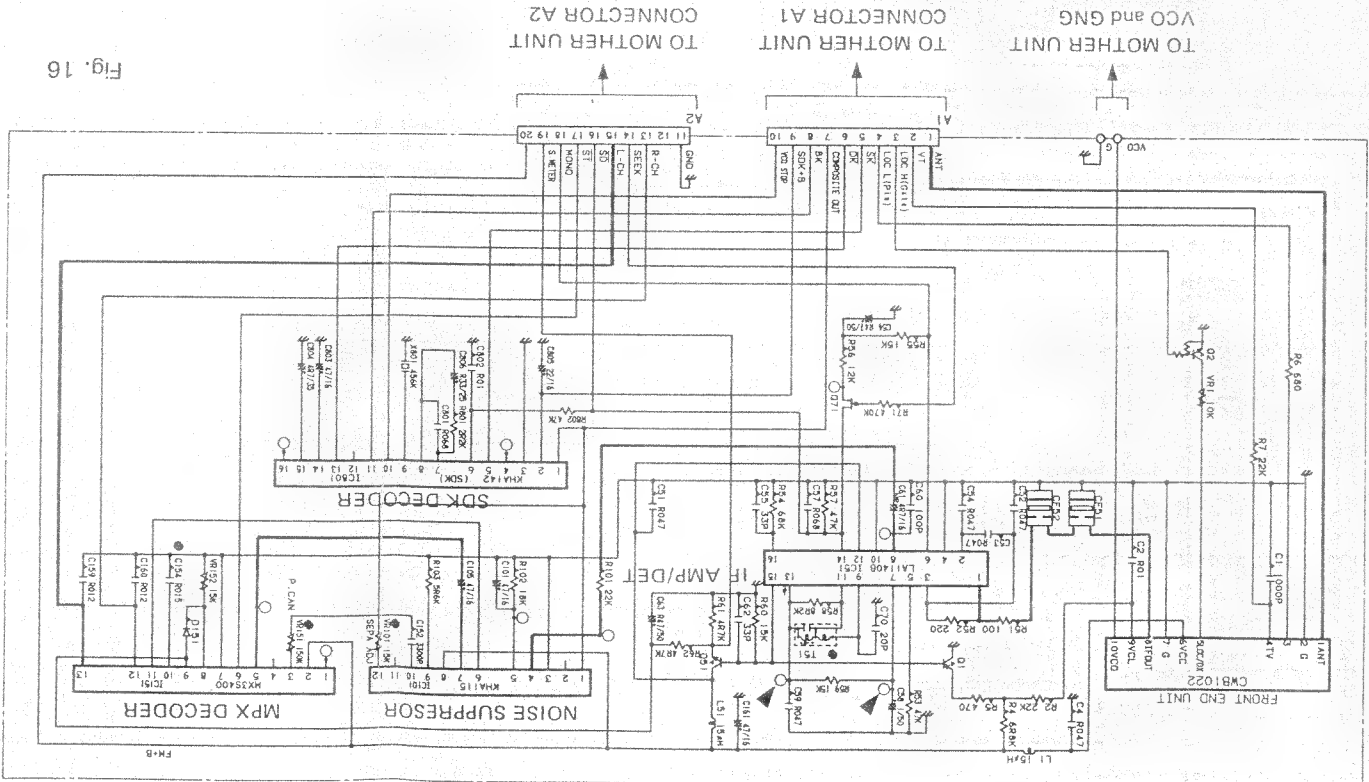
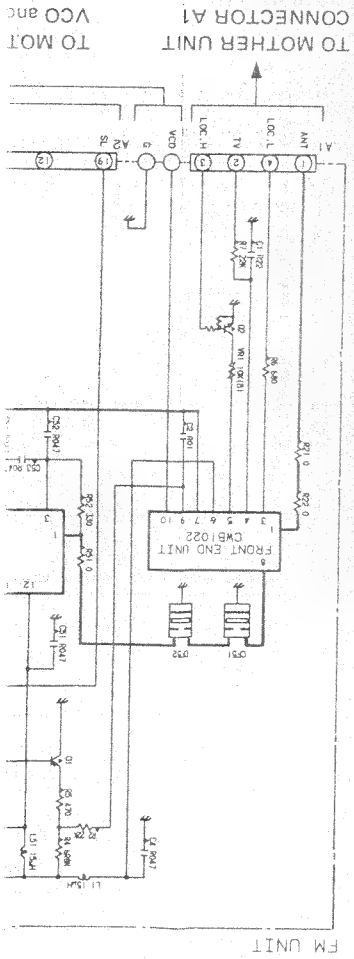


Fig. 16

Q1	55A11761
Q2	DTIC124EK
Q3	25A217
Q4	25A217
Q5	25A217

FM Unit (KEH-6080B, KEH-5080B)		IC151		IC101		IC51	
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
0V	8.5V	1.7V	3.1V	3.0V	2.4V	0.6V	4.5V
2.7V	2.7V	0V	4.9V	8.5V	4.9V	2.2V	4.0V
2.7V	2.7V	0V	2.7V	0V	1.9V	0.5V	4.9V
2.7V	2.7V	0V	0.3V	2.7V	0.3V	2.7V	3.5V



16.2 FM UNIT (KEH-6080B)

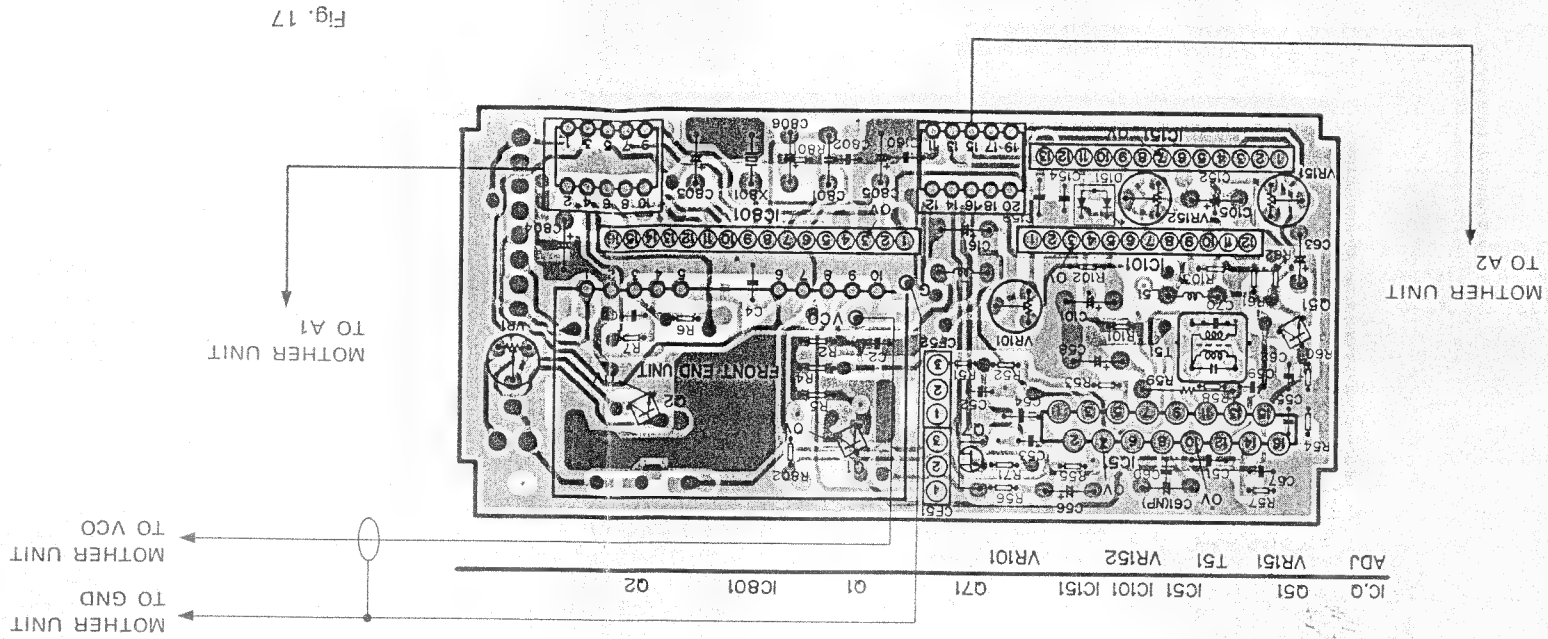
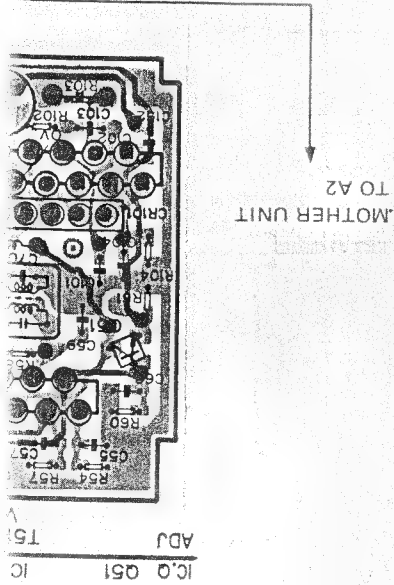


Fig. 17

NOTE:
Indicates a chip resistor.
Indicates a chip capacitor.
Indicates a chip diode.
Indicates a chip transistor.



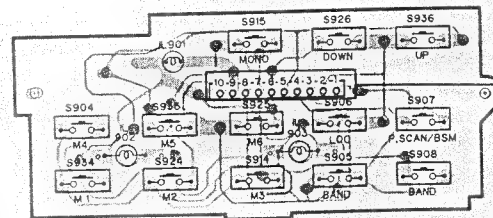
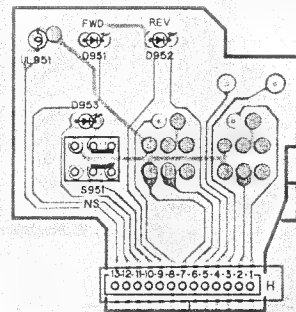
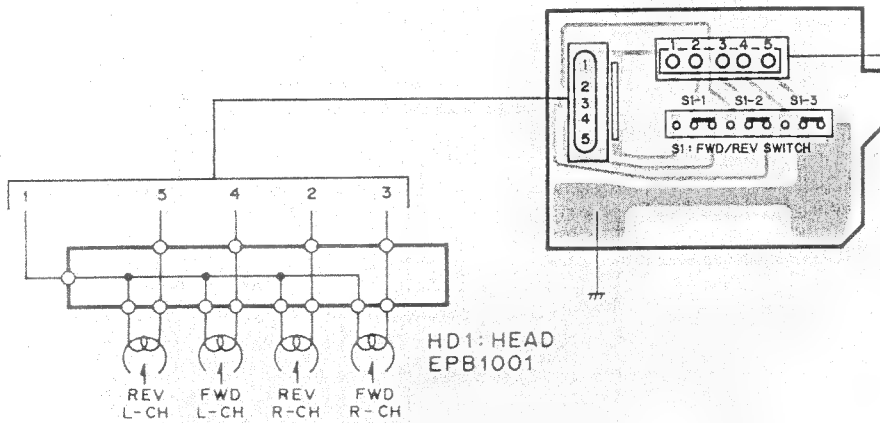
15. CONNECTION DIAGRAM (KEH-5080B)

A

B

C

D



1

2

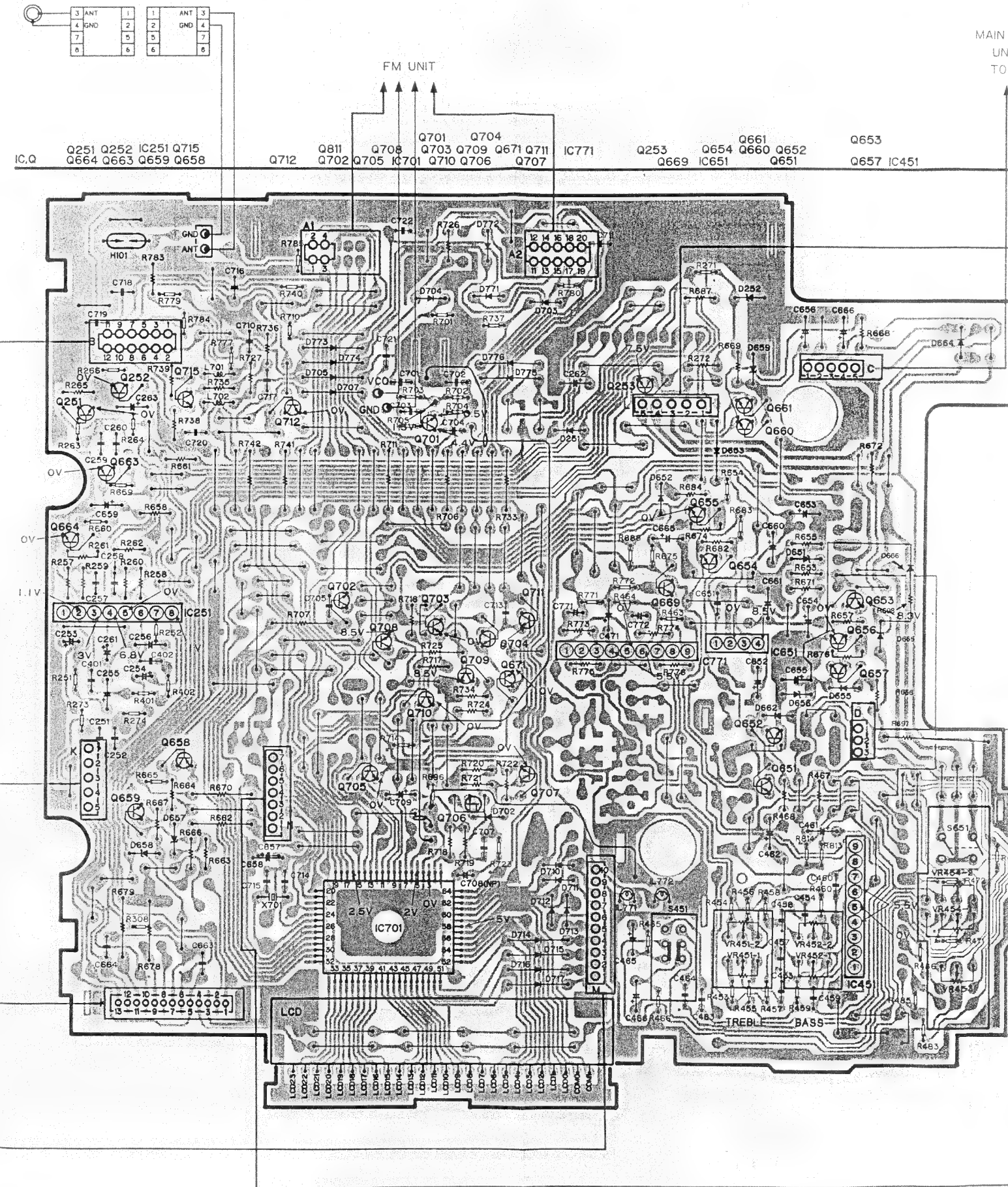
3

4

5

6

AM UNIT
TO B



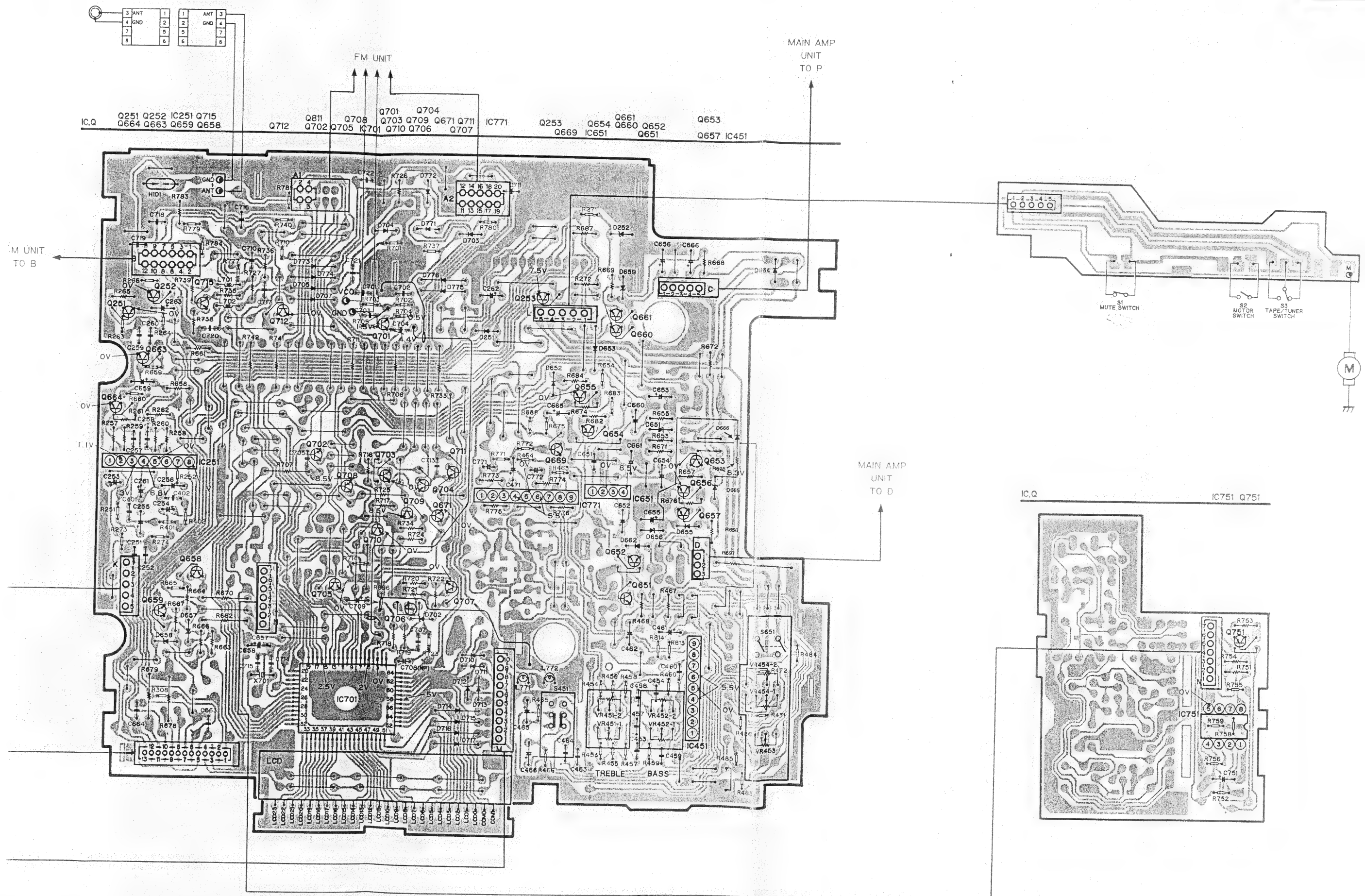
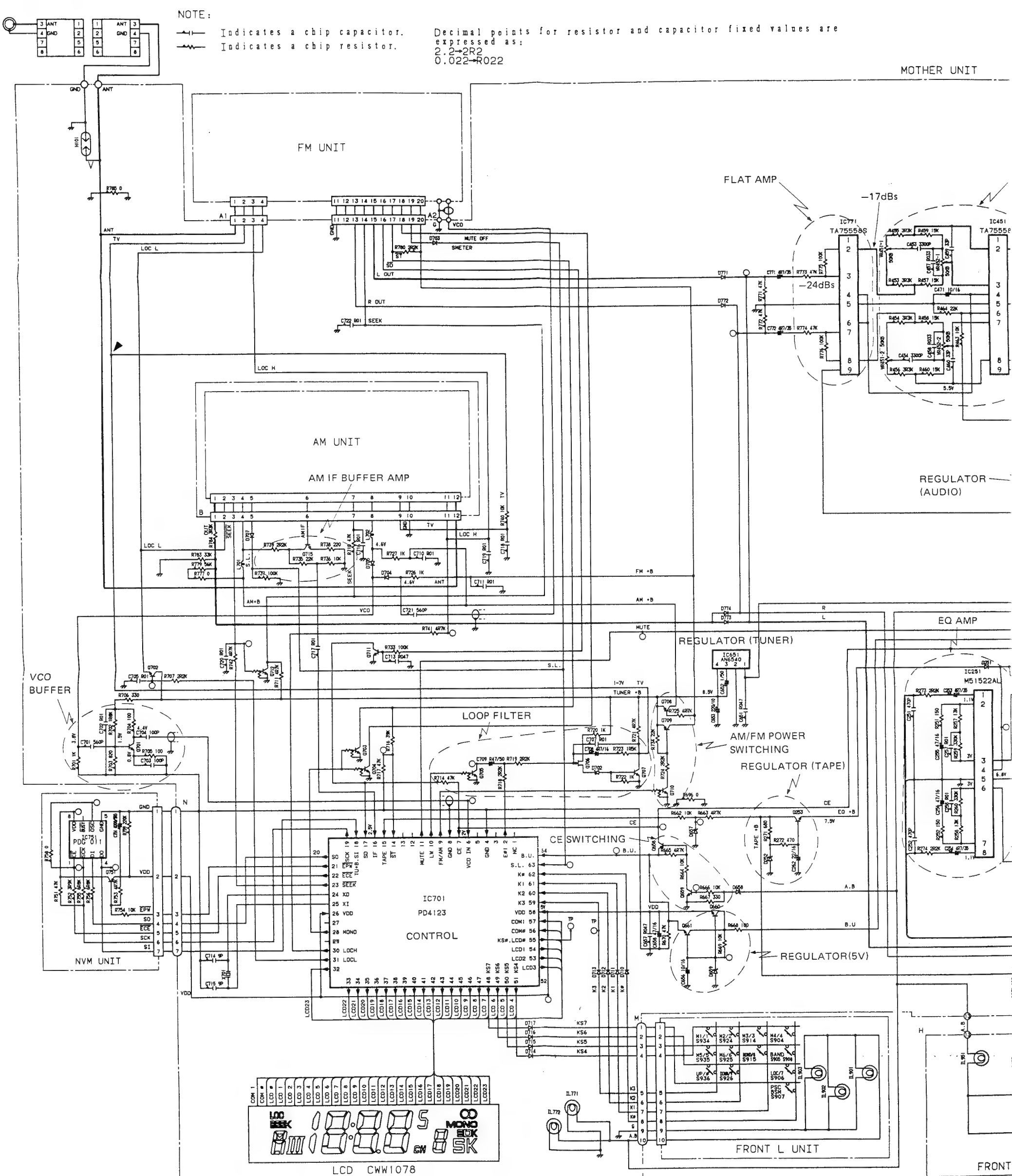


Fig. 15

SCHEMATIC CIRCUIT DIAGRAM (KEH-5080B)



NOTE:
—|—|— Indicates a chip capacitor.
—|—|— Indicates a chip resistor.
Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

0702, 707, 655, 656, 659 660, 661, 663, 664, 251 252, 253	25C245B	0708, 709	25A1150	D251, 652, 675, 666, 703 710, 711, 712, 713, 771 772, 662, 662, 704	ISS133	D657	HZ5SR1EB2	L701	LAU470K	S904, 905, 906, 907, 908 914, 915, 924, 925, 926 934, 935, 936	CSG-293	D951, 95
0654, 667, 658, 791, 661	25A104B	0710, 671	DTC124XS	0651, 652	DTC314TS	D658	HZ5SR5EB2	L702	LAU222M	S951	CSG1015	VR453, 4
0701	25C249B (25C2026)	0711, 715	25C3113	0714, 662	VACANT	D252	HZ5SR2EB2	IL951, 901, 902, 903	CEL1004			
0703, 704, 705, 712	DTC144ES	0653, 669	25D1919	0706, 654, 661, 663		D706	VACANT	IL771, 772	CEL1034			
0706	25K330					D656	RD7R5ESB2	H101	CCX-006--			
						D655	RD2R7ESB2	X701	CS51011A			

MOTHER UNIT

TUNER AUDIO UNIT

Consists of
 ○ MOTHER UNIT
 ○ NVM UNIT
 ○ FRONT R UNIT

TONE CONTROL AMP

REGULATOR (AUDIO)

OFF MUTE

MAIN AMP UNIT

EQ AMP

MUTE (TAPE)

FRONT R UNIT

P.C. BOARD UNIT

SWITCH P.C. BOARD

SWITCHES:

SWITCH P.C. BOARD

S1: MUTE SWITCH ON-OFF
 S2: MOTOR SWITCH ON-OFF
 S3: TAPE TUNER SWITCH TAPE-TUNER

P.C. BOARD UNIT

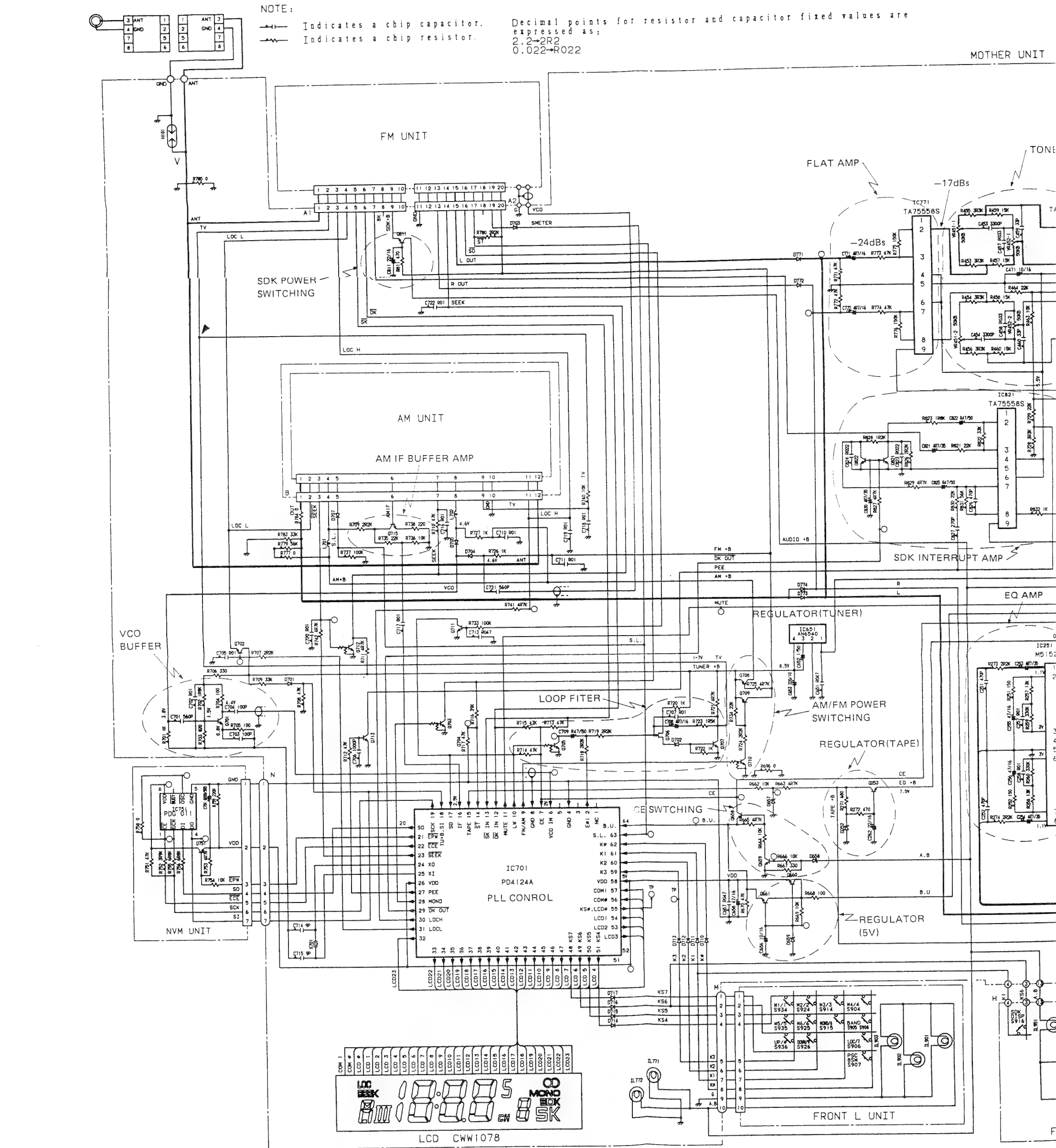
S1: FWD/REV SWITCH FWD-REV

FRONT R UNIT

S951: NS SWITCH ON-OFF

The underlined indicates the switch position.

3. SCHEMATIC CIRCUIT DIAGRAM (KEH-5080SDK)



D251, 252, 253, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	25C2408
D654, 657, 658, 661, 751	25A1048
D701	25C2408
D703, 705, 712	D7C144ES
D706	25K330
D708, 709	25A1150
D710, 671	D7C124XS
D711, 715	25C3113
D651, 652	D7C314TS
D653, 669, 811	25D1919
D714, 662	VACANT
D251, 652, 655, 664, 666, 703, 704, 710, 711, 712, 713, 717, 772	ISS133
D653, 701, 702, 714, 715, 716, 717, 773, 774, 775, 776	IS1555
D702	HZS3R0EB2
D705	ISS135
D651	HZS9R1EB2
D657	HZS5R1EB2
D659	HZS5R6JB2
D658	HZS7R5EB2
D252	HZS8R2EB2
D706, 654, 661, 663	VACANT
D656	RD7R5ESB2
D665	RD2R7ESB2
L701	LAU470K
L702	LAU282M
IL951, 901, 902, 903	CEL1004
IL771, 772	CEL1034
HI01	CCX-006--
X701	CSS1011A
S904, 905, 906, 907, 908, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	CSG-253
S951	CSG1015

TUNER AUDIO UNIT
Consists of
○ MOTHER UNIT
○ NVM UNIT
○ FRONT R UNIT

MOTHER UNIT

TONE CONTROL AMP

-17dBs

-17dBs

-19dBs

MUTE

OFF MUTE

-20dBs

MAIN AMP UNIT

+20dBs

REGULATOR (AUDIO)

TUNER INTERRUPT AMP

EQ AMP

MUTE(TAPE)

APEI

CE

EQ +B

7.2V

A, B

B, U

ATOR

FRONT R UNIT

P.C. BOARD UNIT

SWITCH P.C. BOARD

SWITCHES:

SWITCH P.C. BOARD

S1: MUTE SWITCH ON-OFF

S2: MOTOR SWITCH ON-OFF

S3: TAPE TUNER SWITCH TAPE-TUNER

P.C. BOARD UNIT

S1: FWD/REV SWITCH FWD-REV

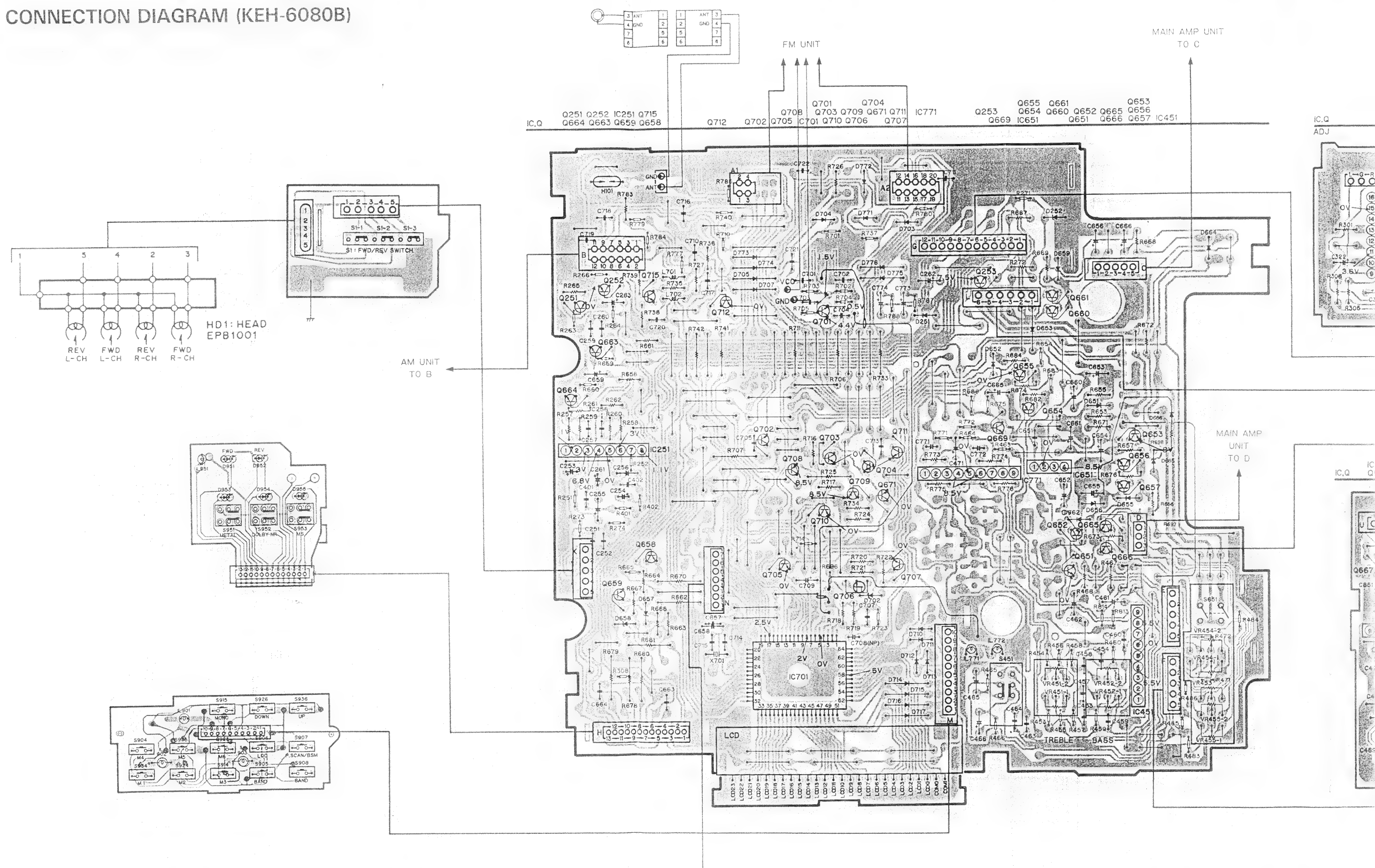
FRONT R UNIT

S951: NS SWITCH ON-OFF

The underlined indicates the switch position.

LAU470K	S904, 905, 906, 907, 908	CSG-203	D951, 952	SLR-3200U3	S451	CSG-207
LAU2R2M	914, 915, 922, 925, 926		D953	SLR-320PG3	VR451, 452	CCS1076
CEL1004	934, 935, 936, 916					
CEL1034	S951	CSG1015	VR453, 454, 5601	CCS1075		
CCX-006--						
CSG1011A						

11. CONNECTION DIAGRAM (KEH-6080B)



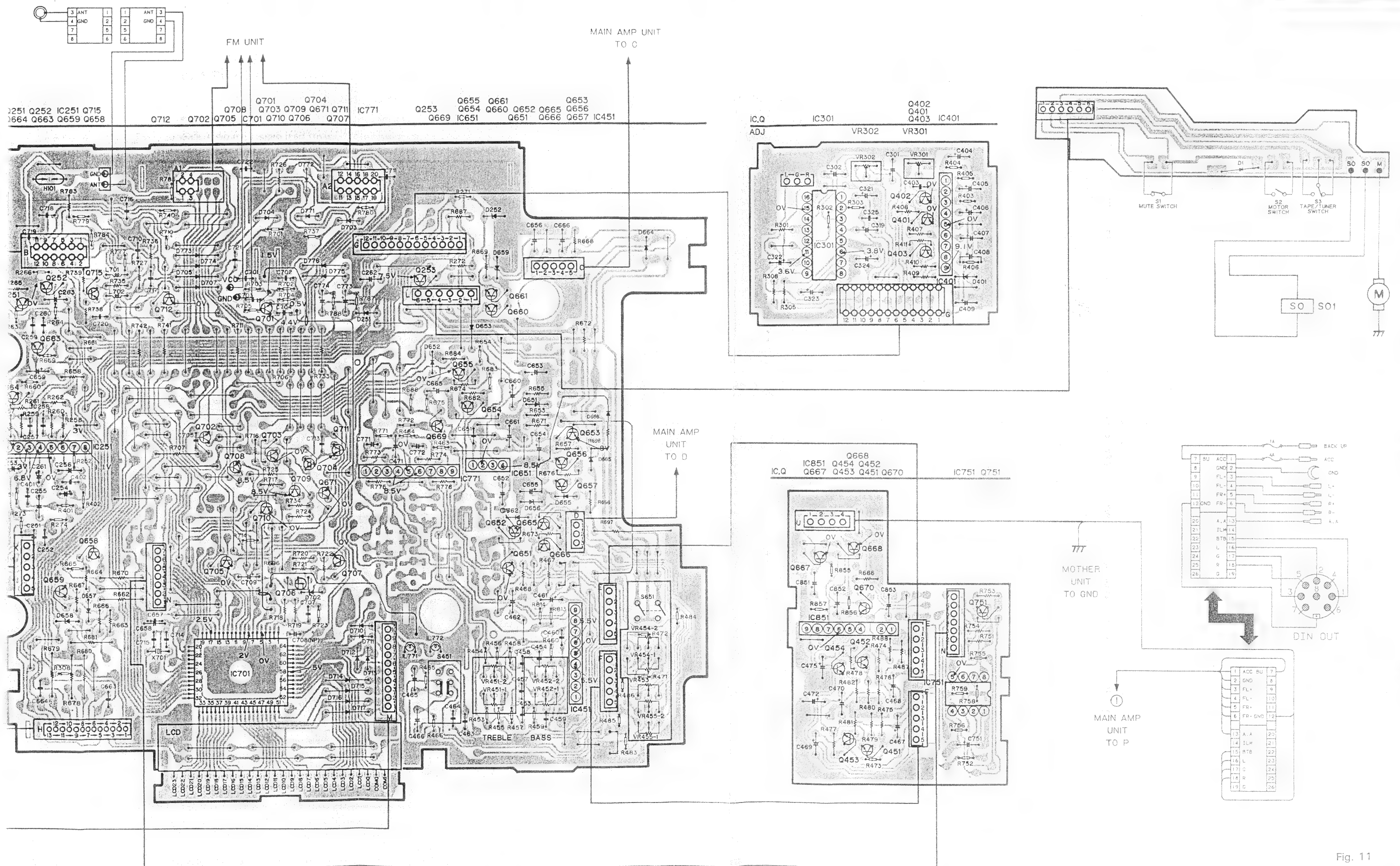
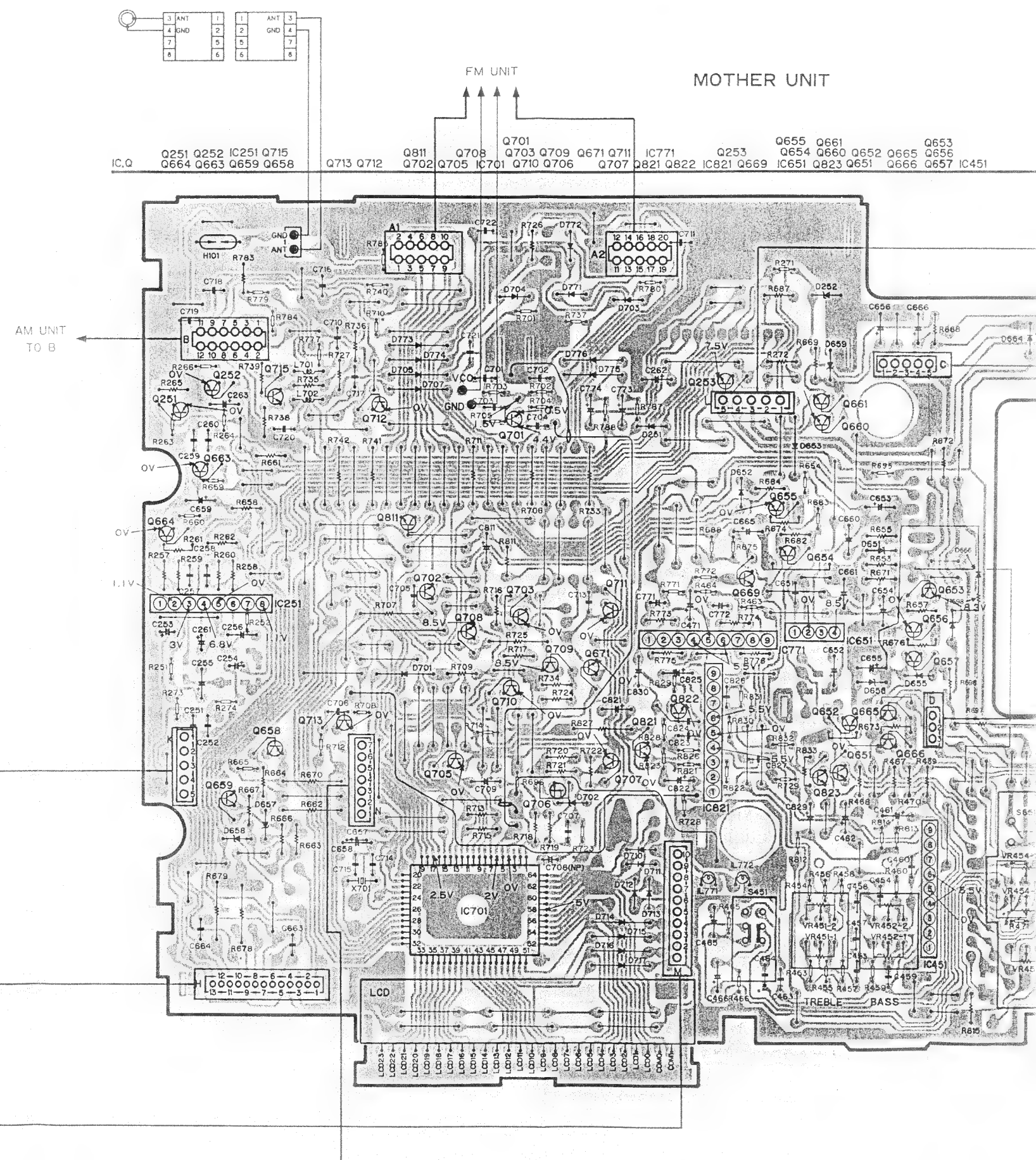
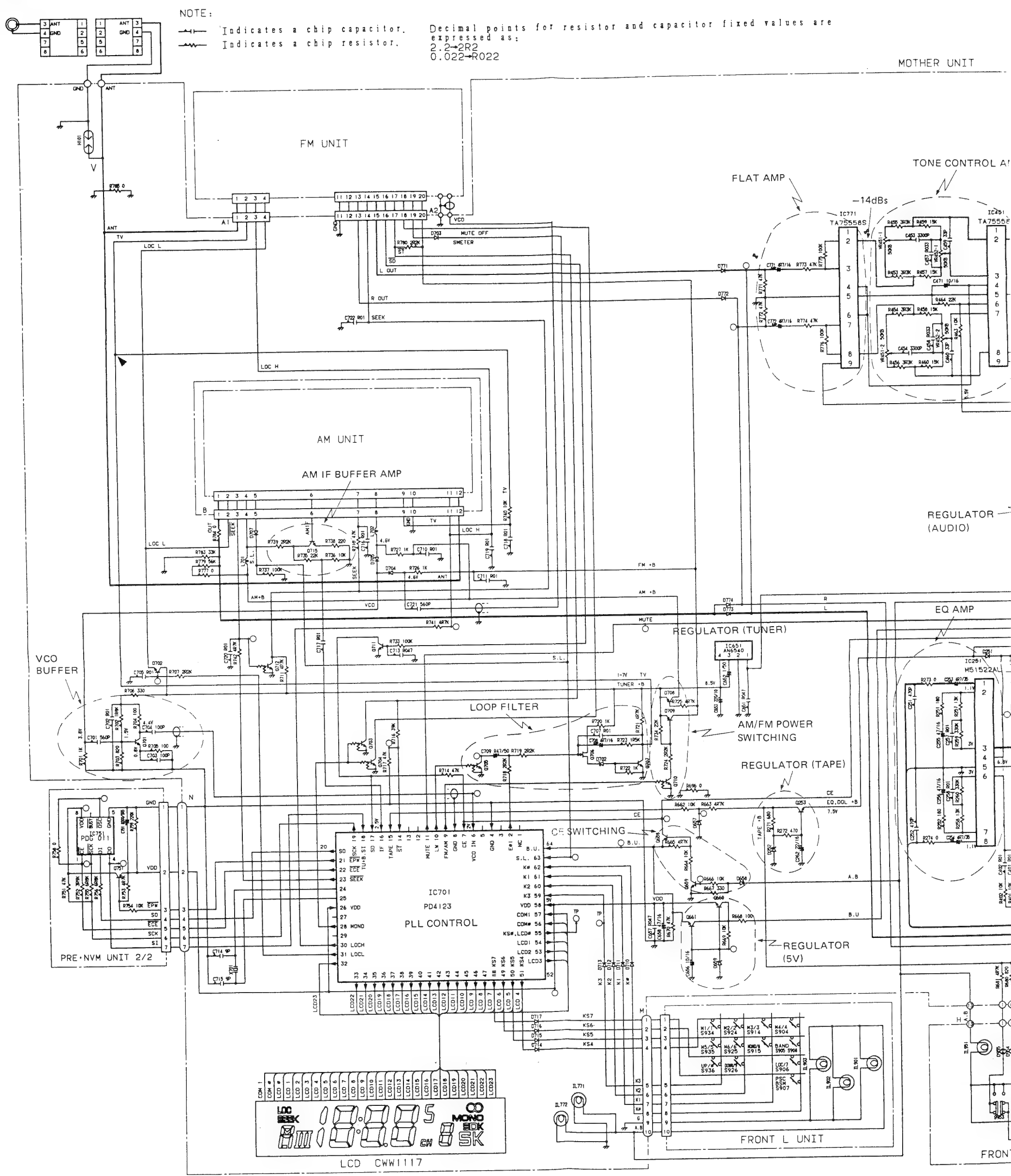


Fig. 11

D

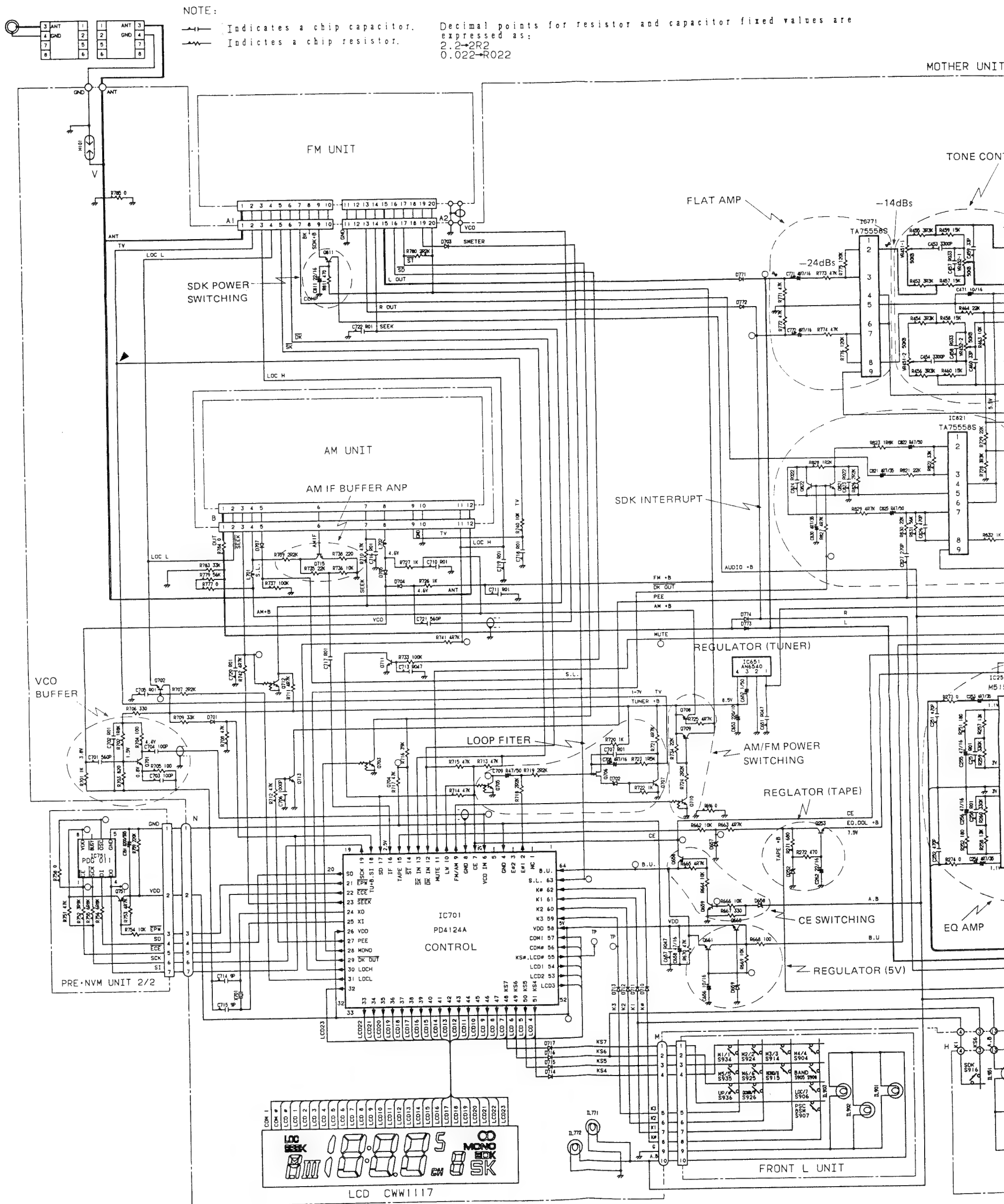


SCHEMATIC CIRCUIT DIAGRAM (KEH-6080B)



0251,252,401,402,451 452,453,454,455,456 659,660,661,663,664 662,707	25C2458	0708,709	25A1150	0251,652,655,662,666 703,704,710,711,715 713,771,772,664	15S133	D657	H259R1E82	L701	LAU470K	S904,905,906,907,909 914,915,916,925,926 934,935,936	CSG-253	D951, D955
0710,671	DTIC124XS	0711,715	25C3113	0659,703,714,715,716 717,718,719,720,721,776	1S1555	D658	H259R6J02	L702	LAU2R2M			
0711,715	25C3113	0651,652,667,666	DTIC314TS	0702	H259R0E82	D252	H258R2E82	IL951,901,902,903	CEL-147	S951,952,953	CSG1015	VR453
0701	25C2498 25C3026	0253,653,669,811	25D1919	0705	15S135	D654,661,663,708	VACANT	IL771,772	CEL-148			
0703,704,705,712	DTIC144ES	0714,662	VACANT	D401	H259R1E82	D665	RD2R7ESB2	M101	CDX-006---			
0706	25K330			D651	H259R1E81			X701	CSS1011A			
				D656	RD7R5ESB2							

3. SCHEMATIC CIRCUIT DIAGRAM (KEH-6080SDK)

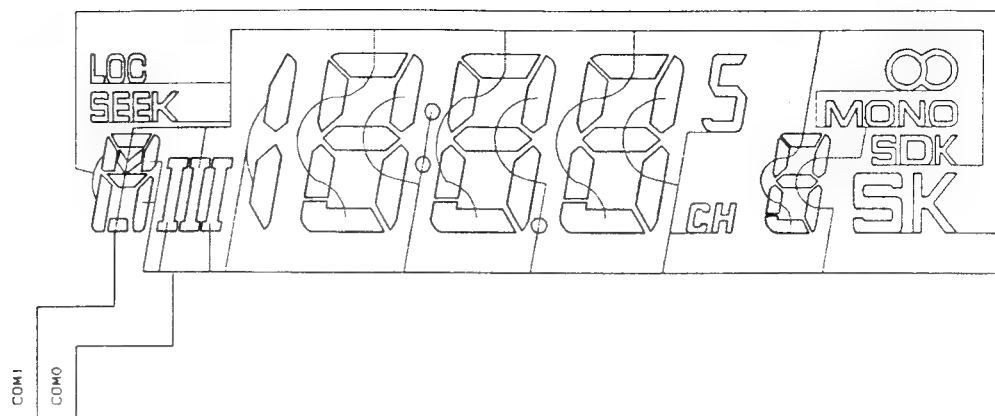


Q702, 707, 713, 655, 656 659, 660, 661, 663, 664 665, 666, 667, 668, 669 670, 671, 672, 673, 674 675, 676, 677, 678, 679 680, 681, 682, 683, 684 685, 686, 687, 688, 689 690, 691, 692, 693, 694 695, 696, 697, 698, 699 700, 701, 702, 703, 704 705, 706, 707, 708, 709 710, 711, 712, 713, 714 715, 716, 717, 718, 719 720, 721, 722, 723, 724 725, 726, 727, 728, 729 730, 731, 732, 733, 734 735, 736, 737, 738, 739 740, 741, 742, 743, 744 745, 746, 747, 748, 749 750, 751, 752, 753, 754 755, 756, 757, 758, 759 760, 761, 762, 763, 764 765, 766, 767, 768, 769 770, 771, 772, 773, 774 775, 776, 777, 778, 779 780, 781, 782, 783, 784 785, 786, 787, 788, 789 790, 791, 792, 793, 794 795, 796, 797, 798, 799 800, 801, 802, 803, 804 805, 806, 807, 808, 809 810, 811, 812, 813, 814 815, 816, 817, 818, 819 820, 821, 822, 823, 824 825, 826, 827, 828, 829 830, 831, 832, 833, 834 835, 836, 837, 838, 839 840, 841, 842, 843, 844 845, 846, 847, 848, 849 850, 851, 852, 853, 854 855, 856, 857, 858, 859 860, 861, 862, 863, 864 865, 866, 867, 868, 869 870, 871, 872, 873, 874 875, 876, 877, 878, 879 880, 881, 882, 883, 884 885, 886, 887, 888, 889 890, 891, 892, 893, 894 895, 896, 897, 898, 899 900, 901, 902, 903, 904 905, 906, 907, 908, 909 910, 911, 912, 913, 914 915, 916, 917, 918, 919 920, 921, 922, 923, 924 925, 926, 927, 928, 929 930, 931, 932, 933, 934 935, 936, 937, 938, 939 940, 941, 942, 943, 944 945, 946, 947, 948, 949 950, 951, 952, 953, 954 955, 956, 957, 958, 959 960, 961, 962, 963, 964 965, 966, 967, 968, 969 970, 971, 972, 973, 974 975, 976, 977, 978, 979 980, 981, 982, 983, 984 985, 986, 987, 988, 989 990, 991, 992, 993, 994 995, 996, 997, 998, 999 1000, 1001, 1002, 1003, 1004 1005, 1006, 1007, 1008, 1009 1010, 1011, 1012, 1013, 1014 1015, 1016, 1017, 1018, 1019 1020, 1021, 1022, 1023, 1024 1025, 1026, 1027, 1028, 1029 1030, 1031, 1032, 1033, 1034 1035, 1036, 1037, 1038, 1039 1040, 1041, 1042, 1043, 1044 1045, 1046, 1047, 1048, 1049 1050, 1051, 1052, 1053, 1054 1055, 1056, 1057, 1058, 1059 1060, 1061, 1062, 1063, 1064 1065, 1066, 1067, 1068, 1069 1070, 1071, 1072, 1073, 1074 1075, 1076, 1077, 1078, 1079 1080, 1081, 1082, 1083, 1084 1085, 1086, 1087, 1088, 1089 1090, 1091, 1092, 1093, 1094 1095, 1096, 1097, 1098, 1099 1100, 1101, 1102, 1103, 1104 1105, 1106, 1107, 1108, 1109 1110, 1111, 1112, 1113, 1114 1115, 1116, 1117, 1118, 1119 1120, 1121, 1122, 1123, 1124 1125, 1126, 1127, 1128, 1129 1130, 1131, 1132, 1133, 1134 1135, 1136, 1137, 1138, 1139 1140, 1141, 1142, 1143, 1144 1145, 1146, 1147, 1148, 1149 1150, 1151, 1152, 1153, 1154 1155, 1156, 1157, 1158, 1159 1160, 1161, 1162, 1163, 1164 1165, 1166, 1167, 1168, 1169 1170, 1171, 1172, 1173, 1174 1175, 1176, 1177, 1178, 1179 1180, 1181, 1182, 1183, 1184 1185, 1186, 1187, 1188, 1189 1190, 1191, 1192, 1193, 1194 1195, 1196, 1197, 1198, 1199 1200, 1201, 1202, 1203, 1204 1205, 1206, 1207, 1208, 1209 1210, 1211, 1212, 1213, 1214 1215, 1216, 1217, 1218, 1219 1220, 1221, 1222, 1223, 1224 1225, 1226, 1227, 1228, 1229 1230, 1231, 1232, 1233, 1234 1235, 1236, 1237, 1238, 1239 1240, 1241, 1242, 1243, 1244 1245, 1246, 1247, 1248, 1249 1250, 1251, 1252, 1253, 1254 1255, 1256, 1257, 1258, 1259 1260, 1261, 1262, 1263, 1264 1265, 1266, 1267, 1268, 1269 1270, 1271, 1272, 1273, 1274 1275, 1276, 1277, 1278, 1279 1280, 1281, 1282, 1283, 1284 1285, 1286, 1287, 1288, 1289 1290, 1291, 1292, 1293, 1294 1295, 1296, 1297, 1298, 1299 1300, 1301, 1302, 1303, 1304 1305, 1306, 1307, 1308, 1309 1310, 1311, 1312, 1313, 1314 1315, 1316, 1317, 1318, 1319 1320, 1321, 1322, 1323, 1324 1325, 1326, 1327, 1328, 1329 1330, 1331, 1332, 1333, 1334 1335, 1336, 1337, 1338, 1339 1340, 1341, 1342, 1343, 1344 1345, 1346, 1347, 1348, 1349 1350, 1351, 1352, 1353, 1354 1355, 1356, 1357, 1358, 1359 1360, 1361, 1362, 1363, 1364 1365, 1366, 1367, 1368, 1369 1370, 1371, 1372, 1373, 1374 1375, 1376, 1377, 1378, 1379 1380, 1381, 1382, 1383, 1384 1385, 1386, 1387, 1388, 1389 1390, 1391, 1392, 1393, 1394 1395, 1396, 1397, 1398, 1399 1400, 1401, 1402, 1403, 1404 1405, 1406, 1407, 1408, 1409 1410, 1411, 1412, 1413, 1414 1415, 1416, 1417, 1418, 1419 1420, 1421, 1422, 1423, 1424 1425, 1426, 1427, 1428, 1429 1430, 1431, 1432, 1433, 1434 1435, 1436, 1437, 1438, 1439 1440, 1441, 1442, 1443, 1444 1445, 1446, 1447, 1448, 1449 1450, 1451, 1452, 1453, 1454 1455, 1456, 1457, 1458, 1459 1460, 1461, 1462, 1463, 1464 1465, 1466, 1467, 1468, 1469 1470, 1471, 1472, 1473, 1474 1475, 1476, 1477, 1478, 1479 1480, 1481, 1482, 1483, 1484 1485, 1486, 1487, 1488, 1489 1490, 1491, 1492, 1493, 1494 1495, 1496, 1497, 1498, 1499 1500, 1501, 1502, 1503, 1504 1505, 1506, 1507, 1508, 1509 1510, 1511, 1512, 1513, 1514 1515, 1516, 1517, 1518, 1519 1520, 1521, 1522, 1523, 1524 1525, 1526, 1527, 1528, 1529 1530, 1531, 1532, 1533, 1534 1535, 1536, 1537, 1538, 1539 1540, 1541, 1542, 1543, 1544 1545, 1546, 1547, 1548, 1549 1550, 1551, 1552, 1553, 1554 1555, 1556, 1557, 1558, 1559 1560, 1561, 1562, 1563, 1564 1565, 1566, 1567, 1568, 1569 1570, 1571, 1572, 1573, 1574 1575, 1576, 1577, 1578, 1579 1580, 1581, 1582, 1583, 1584 1585, 1586, 1587, 1588, 1589 1590, 1591, 1592, 1593, 1594 1595, 1596, 1597, 1598, 1599 1600, 1601, 1602, 1603, 1604 1605, 1606, 1607, 1608, 1609 1610, 1611, 1612, 1613, 1614 1615, 1616, 1617, 1618, 1619 1620, 1621, 1622, 1623, 1624 1625, 1626, 1627, 1628, 1629 1630, 1631, 1632, 1633, 1634 1635, 1636, 1637, 1638, 1639 1640, 1641, 1642, 1643, 1644 1645, 1646, 1647, 1648, 1649 1650, 1651, 1652, 1653, 1654 1655, 1656, 1657, 1658, 1659 1660, 1661, 1662, 1663, 1664 1665, 1666, 1667, 1668, 1669 1670, 1671, 1672, 1673, 1674 1675, 1676, 1677, 1678, 1679 1680, 1681, 1682, 1683, 1684 1685, 1686, 1687, 1688, 1689 1690, 1691, 1692, 1693, 1694 1695, 1696, 1697, 1698, 1699 1700, 1701, 1702, 1703, 1704 1705, 1706, 1707, 1708, 1709 1710, 1711, 1712, 1713, 1714 1715, 1716, 1717, 1718, 1719 1720, 1721, 1722, 1723, 1724 1725, 1726, 1727, 1728, 1729 1730, 1731, 1732, 1733, 1734 1735, 1736, 1737, 1738, 1739 1740, 1741, 1742, 1743, 1744 1745, 1746, 1747, 1748, 1749 1750, 1751, 1752, 1753, 1754 1755, 1756, 1757, 1758, 1759 1760, 1761, 1762, 1763, 1764 1765, 1766, 1767, 1768, 1769 1770, 1771, 1772, 1773, 1774 1775, 1776, 1777, 1778, 1779 1780, 1781, 1782, 1783, 1784 1785, 1786, 1787, 1788, 1789 1790, 1791, 1792, 1793, 1794 1795, 1796, 1797, 1798, 1799 1800, 1801, 1802, 1803, 1804 1805, 1806, 1807, 1808, 1809 1810, 1811, 1812, 1813, 1814 1815, 1816, 1817, 1818, 1819 1820, 1821, 1822, 1823, 1824 1825, 1826, 1827, 1828, 1829 1830, 1831, 1832, 1833, 1834 1835, 1836, 1837, 1838, 1839 1840, 1841, 1842, 1843, 1844 1845, 1846, 1847, 1848, 1849 1850, 1851, 1852, 1853, 1854 1855, 1856, 1857, 1858, 1859 1860, 1861, 1862, 1863, 1864 1865, 1866, 1867, 1868, 1869 1870, 1871, 1872, 1873, 1874 1875, 1876, 1877, 1878, 1879 1880, 1881, 1882, 1883, 1884 1885, 1886, 1887, 1888, 1889 1890, 1891, 1892, 1893, 1894 1895, 1896, 1897, 1898, 1899 1900, 1901, 1902, 1903, 1904 1905, 1906, 1907, 1908, 1909 1910, 1911, 1912, 1913, 1914 1915, 1916, 1917, 1918, 1919 1920, 1921, 1922, 1923, 1924 1925, 1926, 1927, 1928, 1929 1930, 1931, 1932, 1933, 1934 1935, 1936, 1937, 1938, 1939 1940, 1941, 1942, 1943, 1944 1945, 1946, 1947, 1948, 1949 1950, 1951, 1952, 1953, 1954 1955, 1956, 1957, 1958, 1959 1960, 1961, 1962, 1963, 1964 1965, 1966, 1967, 1968, 1969 1970, 1971, 1972, 1973, 1974 1975, 1976, 1977, 1978, 1979 1980, 1981, 1982, 1983, 1984 1985, 1986, 1987, 1988, 1989 1990, 1991, 1992, 1993, 1994 1995, 1996, 1997, 1998, 1999 2000, 2001, 2002, 2003, 2004 2005, 2006, 2007, 2008, 2009 2010, 2011, 2012, 2013, 2014 2015, 2016, 2017, 2018, 2019 2020, 2021, 2022, 2023, 2024 2025, 2026, 2027, 2028, 2029 2030, 2031, 2032, 2033, 2034 2035, 2036, 2037, 2038, 2039 2040, 2041, 2042, 2043, 2044 2045, 2046, 2047, 2048, 2049 2050, 2051, 2052, 2053, 2054 2055, 2056, 2057, 2058, 2059 2060, 2061, 2062, 2063, 2064 2065, 2066, 2067, 2068, 2069 2070, 2071, 2072, 2073, 2074 2075, 2076, 2077, 2078, 2079 2080, 2081, 2082, 2083, 2084 2085, 2086, 2087, 2088, 2089 2090, 2091, 2092, 2093, 2094 2095, 2096, 2097, 2098, 2099 2100, 2101, 2102, 2103, 2104 2105, 2106, 2107, 2108, 2109 2110, 2111, 2112, 2113, 2114 2115, 2116, 2117, 2118, 2119 2120, 2121, 2122, 2123, 2124 2125, 2126, 2127, 2128, 2129 2130, 2131, 2132, 2133, 2134 2135, 2136, 2137, 2138, 2139 2140, 2141, 2142, 2143, 2144 2145, 2146, 2147, 2148, 2149 2150, 2151, 2152, 2153, 2154	25C245B
Q654, 657, 658, 670, 403 751, 661	2SA1048
Q701	25C2498 (25C2026)
Q703, 705, 712	DTC144ES
Q706	25K330

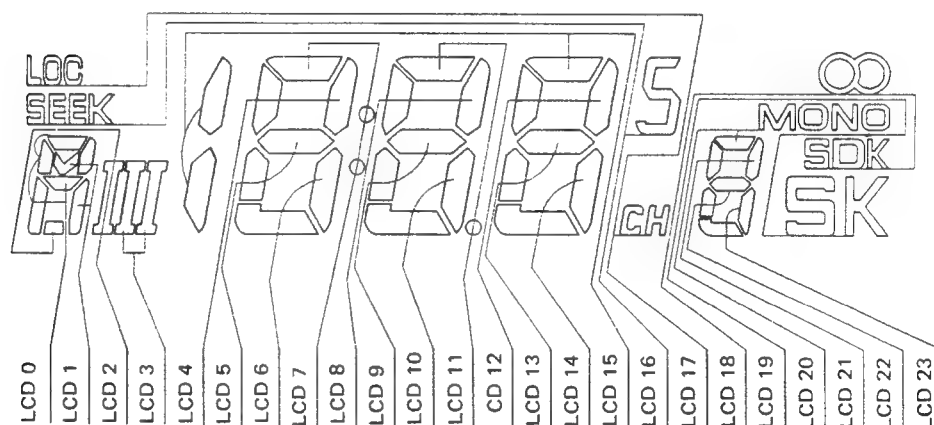
6

• LCD (CWW1078,CWW1117)

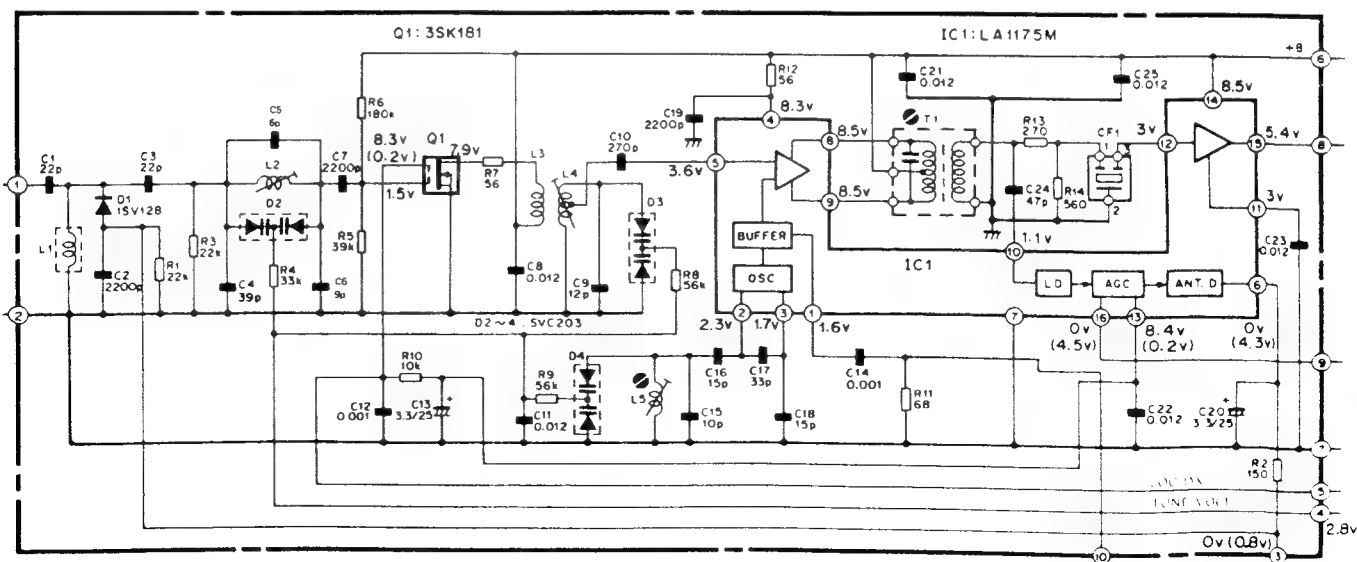
COMMON



SEGMENT



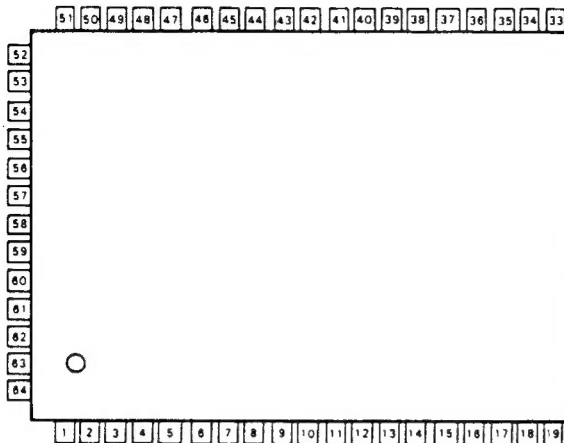
• Front End Unit (CWB1022)



●Pin Functions

Pin No.	Pin Name	I/O	Function and Operation																								
15	TAPE	Input	Tape signal input terminal. Since this terminal is A/D (analog/digital) input, 2.461 V and above is the H level tape mode.																								
16	IF	Input	MW, LW band center frequency input terminal. Used for broadcast detection in MW, LW band auto tuning.																								
17	SD	Input	Judges whether or not a broadcast is present during auto tuning. A broadcast is judged as being present when L level is input.																								
18	SI	Input	Data input terminal from NVM (IC751).																								
19	SCK	Output CMOS	Shift clock output for NVM (IC751).																								
20	SO	Output CMOS	Data output terminal for NVM (IC751).																								
21	$\overline{\text{EPW}}$	Output CMOS	Power control of NVM (IC751). "L" level: Power on																								
22	$\overline{\text{ECE}}$	Output CMOS	Chip enable terminal of NVM (IC751).																								
23	$\overline{\text{SEEK}}$	Output CMOS	"L" level: SEEK, BSM, BSA and PSCN																								
24	XO	Input CMOS	Quartz oscillator terminal connection terminal. 4.5 MHz quartz crystal used.																								
25	XI	Input CMOS																									
26	VDD		Device power supply terminal. 5V \pm 10% voltage supplied.																								
58	VDD																										
27	PEE	Output CMOS	Alarm output terminal. Alarm output when $\overline{\text{SK}}$ in $\overline{\text{SDK}}$ mode remains at H level continuously for more than 30 seconds.																								
28	MONO	Output CMOS	Controlled by MONO key. L level for MONO, H level output for AUTO.																								
29	$\overline{\text{DK OUT}}$		Controlled by $\overline{\text{DK IN}}$ (terminal # 12) input signal. L level output when DK IN input signal is detected as 125 Hz while SK IN (terminal # 13) input is L level. Since DK IN measurement operation is only performed in SDK mode, terminal is always H in SDK mode except under above noted conditions.																								
30	LOCH	Output CMOS	<div>Halt sensitivity switching terminals controlled by LOC and BSM keys.</div> <table><tr><td></td><td>DX-SEEK (PSCN)</td><td>LOC-SEEK</td><td>BSM-L</td><td>BSM-M (AM)</td></tr><tr><td>LOCH</td><td>L</td><td>L</td><td>L</td><td>L</td></tr><tr><td>LOCL</td><td>L</td><td>H</td><td>L</td><td>H</td></tr></table> <div><table><tr><td></td><td>BSM-H</td><td>During broadcast reception</td></tr><tr><td>LOCH</td><td>H</td><td>L</td></tr><tr><td>LOCL</td><td>H</td><td>L</td></tr></table></div>		DX-SEEK (PSCN)	LOC-SEEK	BSM-L	BSM-M (AM)	LOCH	L	L	L	L	LOCL	L	H	L	H		BSM-H	During broadcast reception	LOCH	H	L	LOCL	H	L
	DX-SEEK (PSCN)	LOC-SEEK		BSM-L	BSM-M (AM)																						
LOCH	L	L		L	L																						
LOCL	L	H		L	H																						
	BSM-H	During broadcast reception																									
LOCH	H	L																									
LOCL	H	L																									
31	LOCL	Output CMOS																									
32	LCD23	Output CMOS	Segment signal output terminal to LCD. LCD display performed using COM0, COM1 matrices.																								
55	LCD0	Output CMOS																									
48	KS7	Output CMOS	Key return signal source output terminal.																								
55	KS0	Output CMOS																									
56	COM0	Output CMOS	Common signal terminal to LCD. GND, 1/2VDD, VDD values (5 ms interval) output at 100 Hz cycle. Segments between these terminals and LCD0 – LCD23 with \pm VDD potential difference are lit.																								
57	COM1	Output CMOS																									
59	K3	Input	Key matrix input terminal.																								
62	K0	Input																									
63	S.L.	Input	Station level analog voltage input.																								
64	B.U.	Input	Back up voltage sense terminal. "H" Level: Back up on																								

*PD4123 *PD4124A



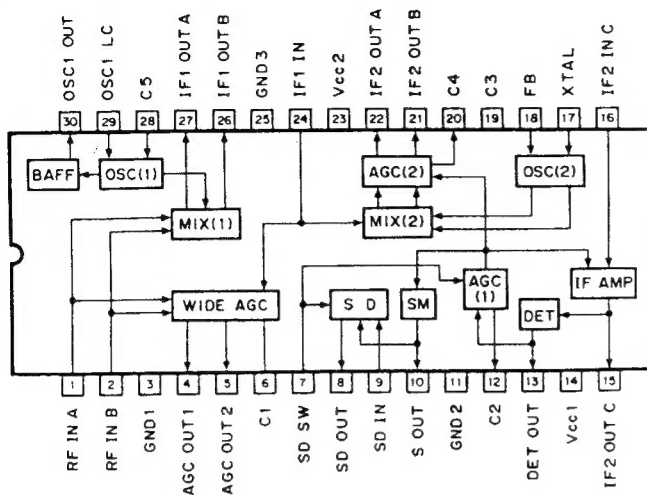
IC's marked by * are MOS type.

Be careful in handling them because they are very liable to be damaged by electrostatic induction.

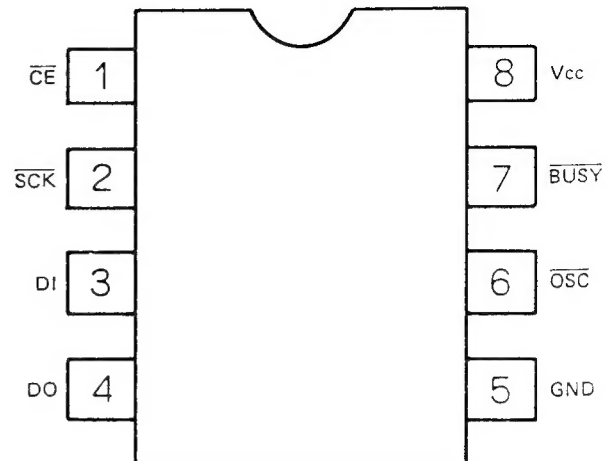
●Pin Functions (PD4123 and PD4124A)

Pin No.	Pin Name	I/O	Function and Operation																
1	NC	—	No. connected to internal chips.																
2 3	EO1 EO2	Output CMOS 3 state	PLL error output. H level output by these terminals when division of local oscillator frequency (VCO output) is higher than reference frequency. L level output when lower. This output is applied to a varactor diode, via an external low pass filter. EO1 and EO2 output identical waveforms.																
4 8	GND GND	— —	GND terminal																
5	AM IN		Not used.																
6	VCO IN	Input	AM: Inputs 0.6 — 15 MHz (0.3 Vp-p MIN) local oscillator reference frequency (VCO output). This terminal is active when direct division system is selected. FM: Inputs 15 — 150 MHz (0.5 Vp-p MIN) local oscillator reference frequency (VCO output). This terminal is active when swallow counter method is selected.																
7	CE	Input	Device signal input. H level during normal device operation, L level when device is not being used. PLL is in disable status while this terminal is L level. For models without clocks, internal clock and CPU operation is halted while this terminal is L level, and memory is maintained by low demand current (10 μ A MAX). Change of CE terminal from L to H results in device reset and the program to start from address 0.																
9 10	FM/AM LW	Output CMOS Pushpull	Power supply switching output terminal from tuner. Output as illustrated in following table according to outputs of two terminals. <table border="1"> <tr> <th></th><th colspan="3">BAND</th></tr> <tr> <th>PIN</th><th>FM</th><th>MW</th><th>LW</th></tr> <tr> <td>FM/AM</td><td>H</td><td>L</td><td>L</td></tr> <tr> <td>LW</td><td>L</td><td>L</td><td>H</td></tr> </table>		BAND			PIN	FM	MW	LW	FM/AM	H	L	L	LW	L	L	H
	BAND																		
PIN	FM	MW	LW																
FM/AM	H	L	L																
LW	L	L	H																
11	MUTE	Output CMOS Pushpull	Mute output. Output for elimination of shock noise when PLL lock is released. Active when high.																
12	DK IN	Input	Inputs message recognition signal (DK) sent during traffic information broadcasts only. Since the DK signal is sent by amplitude modulation of a 57 kHz subcarrier wave by 125 Hz, it counts the input signals in accordance with the program. A DX signal is judged as being preset when 125 Hz is detected twice consecutively. DK signal is judged as not being preset when 125 Hz is not detected 4 times consecutively. An interrupt operation is performed when a DK signal is judged as being present. This count is only performed in the SDK mode.																
13	SK IN	Input	Determines whether traffic information is being broadcast and inputs a broadcast detect signal (SK). Broadcast is detected when input signal is L level, and "SK" indicator is displayed. Besides being used as the SDK mode auto tuning stop signal, SK input controls the SK mode and SK alarm functions.																
14	ST	Input	Inputs stereo broadcast detection signal. Stereo is detected when input signal is L level, and "ST" indicator is displayed. Display is cleared when input signal is at H level. "ST" indicator is OFF during mute signal output.																

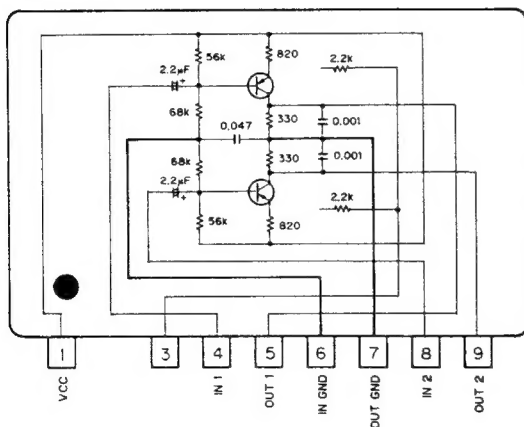
PA4010



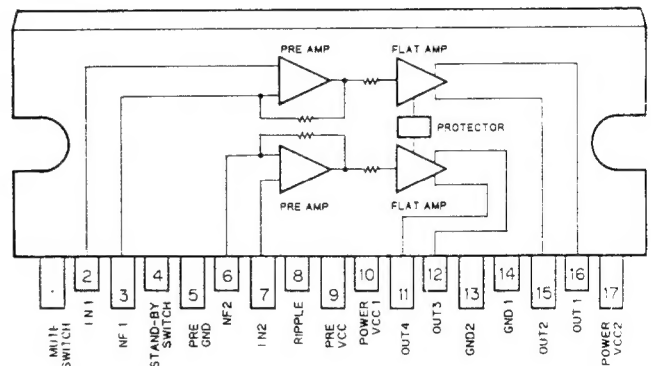
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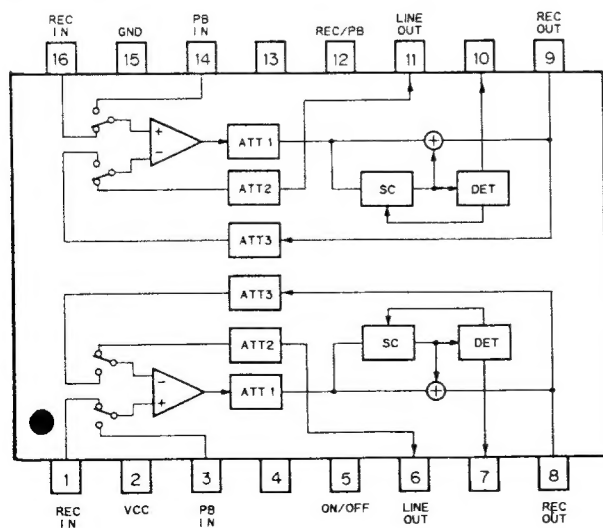
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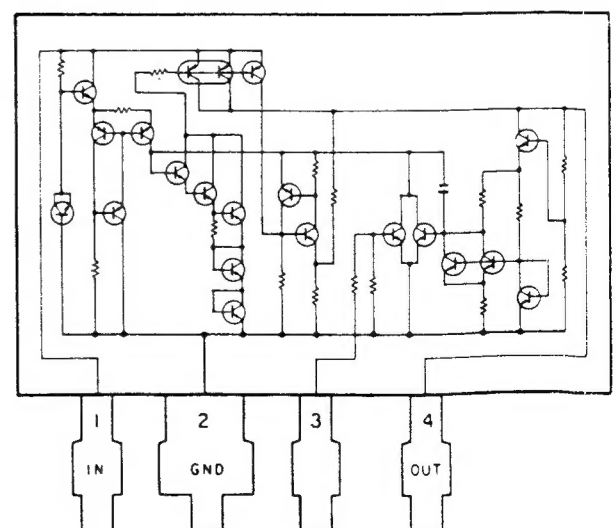
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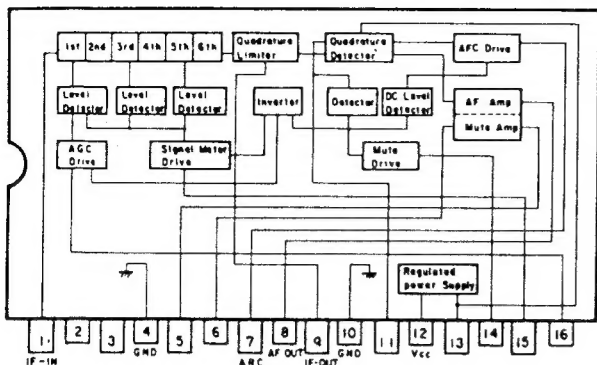
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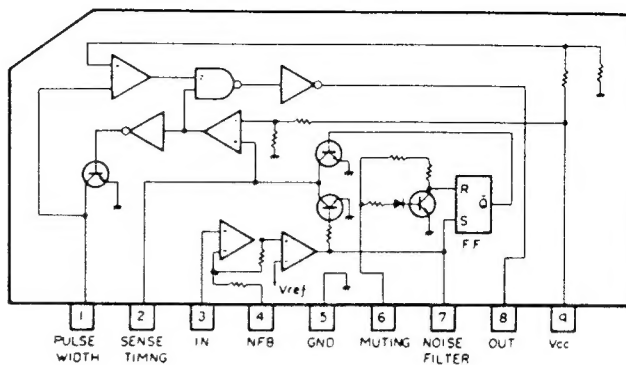
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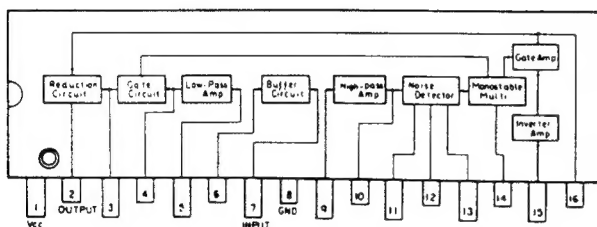
LA1140B



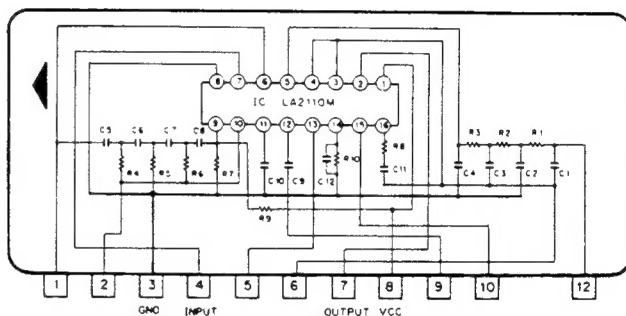
PA0011



LA2110



KHA115



7. 2 MW ADJUSTMENT

	No.	AM SSG(400Hz,30%)		Displayed Frequency (kHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (kHz)	Level (dB)			
Tuning Volt	1			1,602	T203	DC V Meter:Less than 6V
	2			531	T203	DC V Meter:More than 2V
IF	1	999	20-25	999	T204,205,206	mV Meter(1):Maximum

7. 3 LW ADJUSTMENT

	No.	AM SSG(400Hz,30%)		Displayed Frequency (kHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (kHz)	Level (dB)			
Tuning Volt	1			281	T203	DC V Meter:Less than 6V
	2			153	T203	DC V Meter:More than 2V

7. 4 FM ADJUSTMENT ※ Stereo MOD.: 1kHz,L+R = 90% ,Pilot = 10%

	No.	FM SSG(400Hz,100%)		Displayed Frequency (MHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (MHz)	Level (dB)			
IF	1	98.1	60	98.1	T51	Center Meter:0 (MONO Switch:MONO)
Front End	1			108.0	L5	DC V Meter:6.5±0.2V
	2			87.5	—	DC V Meter:More than 1.6V
	3	98.1	5-10	98.1	T1	mV Meter(1):Maximum
MPX	1	98.1 Pilot Only ※	60	98.1	VR151	mV Meter(1):Minimum
	2	98.1※	60	98.1	VR101	mV Meter(1):Best separation (MONO Switch:AUTO)
ARC	1	98.1※	60	98.1	VR152	mV Meter(1):Separation 5dB (MONO Switch:AUTO)